

# THE COOPER QUARTERLY

July, 1902.

Vol. 6, No. 22.

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## COOPER COLLEGE

Sterling, Kansas.

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UNIVERSITY OF ILLINOIS

1901-1902.

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**FIFTEENTH**  
**Annual Catalogue**

... OF ...

**COOPER COLLEGE**

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Collegiate Department

Preparatory Department

Normal Department

Commercial Department

School of Music

School of Art

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**1901=1902.**

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**Sterling, Kansas.**

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BULLETIN PRINT.  
STERLING, KANSAS.

## **Calendar 1902-1903.**

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1902.

June 8, 3:30 p. m.....	Sermon before Prayer Guild
June 8, 8 p. m.....	Baccalaureate Sermon by the President
June 9, 8:15 p. m.....	Chrestomatheon Annual
June 10, 8:15 p. m.....	Theomoron Annual
June 11, 10 a. m.....	Annual Meeting of Senate
June 11, 5 p. m.....	Alumni Banquet
June 11, 8:15 p. m.....	Annual Address by Rev. J. F. Ross, D. D., Kansas City, Missouri
June 12, 2 p. m.....	Inter-Society Athletic Contest
June 12, 8:15 p. m.....	Commencement

### **FIRST SEMESTER.**

September 1, 1 p. m.....	Entrance Examination
September 2.. .....	First Term Begins
November 7 .....	First Term Ends
November 10.....	Second Term Begins
November 27-28.....	Thanksgiving Recess
December 12.....	Inter-society Contest
December 19.....	Holiday Vacation Begins
December 30.....	Holiday Vacation Ends
January 23.....	Second Term Ends

1903.

### **SECOND SEMESTER.**

January 26 .....	First Term Begins
February 8.....	Day of Prayer for Colleges
March 13.....	Annual Debate with Friends University
April 3 .....	First Term Ends
April 6.....	Second Term Begins
May 7.....	Declamatory Contest
June 11.....	Second Term Ends



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1901-02

COLLEGE SENATE.

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College Senate.

The corporate powers of Cooper College are vested in a Senate which consists of Trustees and Directors convened in joint session, and for certain purposes in the Trustees alone. The Trustees, resident in Sterling, are elected annually, the Directors biennially, by the Synod of Kansas. The Trustees meet in monthly session on the first Tuesday of each month, and the full Senate in annual session on the Wednesday preceding commencement.

TRUSTEES.

J. Hanna, President.	T.H. Brown.
E. H. Lees, Secretary.	J.W. Duff.
A. H. Stormont,	H. Irish.
Treas. of Current Funds.	W. B. Graham.

DIRECTORS.

Rev. S. M. Hood, President.....	Nortonville, Kansas
Rev. J. W. Leng, D. D.....	Springfield, Missouri
Rev. James White, D. D.....	Arkansas City, Kansas
Rev. C. H. Strong, D. D.....	Sterling, Kansas
Rev. J. T. Wilson.....	Sterling, Kansas
Rev. J. S. Turnbull.....	Peotone, Kansas
Rev. J. C. Gibney.....	Sunnydale, Kansas
Rev. J. H. Gibson.....	Pittsburg, Kansas
Rev. F. W. Wilson.....	Americus, Kansas
Rev. J. M. McArthur.....	LaCrosse, Kansas
J. C. Johnston.....	Sterling, Kansas
A. B. Gilchrist.....	Walton, Kansas
James G. Berry.....	Sterling, Kansas
I. L. McCracken.....	Sterling, Kansas
Rev. H. B. Turner, Financial Agent.....	Sterling, Kansas
S. A. Wilson, Sec. and Treas. of Endowment.....	Sterling, Kansas

LADIES' ADVISORY BOARD.

Mrs. A. R. Clark, President.	Mrs. A. Taggart.
Miss Anna Kern, Secretary.	Mrs. P. P. Trueheart.
Mrs. T. H. Brown.	Mrs. E. E. Lynch.
Mrs. C. H. Strong.	Mrs. J. E. Junkin.
Mrs. F. M. Spencer.	Mrs. J. Hanna.

### **Faculty and Instructors.**

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REV. F. M. SPENCER, D. D.,  
President and Professor of Mental and Moral Science.

REV. C. H. STRONG, D. D.,  
Instructor in Bible Study.

S. A. WILSON, A. M.,  
Professor of Ancient Languages.

J. G. THOMPSON, A. M.,  
Professor of Mathematics and Astronomy.

MISS ANNA KERN,  
Lady Principal and Professor of Modern Languages.

TALMON BELL, A. B.,  
Professor of History and Economics.

MISS ALICE M. BROWN,  
Instructor in Art.

OTTO W. NEWBY, A. B.,  
Principal of Normal Department, and Professor of Pedagogy.

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Instructor in Normal Work.

JOHN P. GRANT,  
Musical Director.

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#### **Officers of Faculty.**

President, F. M. SPENCER.

Registrar, J. G. THOMPSON.

Secretary, MISS ANNA KERN.

Recorder, TALMON BELL.

#### **Committee on Athletics.**

F. M. Spencer and Otto W. Newby.

#### **Committee on Courses of Study.**

S. A. Wilson and Talmon Bell.

### **Historical Statement.**

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Cooper College was founded in 1887. The Sterling Land and Investment Company agreed to erect a building costing \$25,000 on condition that the Synod of Kansas would provide an endowment of \$25,000 and operate the college. This endowment was to be raised within four years. Both parties fulfilled the conditions of the agreement, and the college became an established fact.

The aim of the investment company was to add to the attractions of Sterling, and, by bringing a good class of citizens, improve the town. This has been accomplished to a very considerable extent. A large number of substantial families have come to Sterling on account of the college. They have helped to beautify the homes and to increase the business of the town.

The aim of the Synod was to establish an institution of learning within the bounds of the Synod, where young people could receive Christian education. Primarily, this was for the young people of the United Presbyterian church. In a broader sense, however, the college was established for all the young people who might apply for the privileges of the institution. All are made welcome. The college is not sectarian. There is no difference made on account of religious faith. All stand upon an equality. Because Cooper is a Christian institution, the Bible has an honored place in the course of study. True science is in perfect harmony with Revelation and it is so taught. The spirit of the institution and the aim of those who have charge of it, is to develop by means of such instruction, the highest type of manhood and womanhood. We can point with pride to the young men and women who have received their education in Cooper College.

Cooper College is favorably situated. Sterling is a typical college town. She has a wide-awake population of 2100 people. Her streets are broad and clean. Several miles of new brick walk

have been laid recently. Her numerous beautiful residences, comfortable churches, and well arranged business houses are a credit to her citizens. Shade and fruit trees are so numerous as to make her worthy of the name «Forest City.»

Sterling is a moral city. There are no saloons. The State prohibitory law is so well enforced that joints are not tolerated. On this account, Sterling is a good college town.

Sterling is not far from the center of Kansas, and is in the heart of the wheat belt. Wheat, corn, broomcorn, sorghum, kafir corn and alfalfa are staple crops. Central Kansas is developing rapidly, and is becoming more and more desirable for agricultural purposes.

Health conditions are favorable. The altitude of Sterling is about 1700 feet above sea level. The air is dry but not too rare. There is much sunshine. During the winter months there is little rainfall. Lung trouble is almost unknown in this locality. Few cases of pneumonia prove fatal. There is practically no malaria. Many persons who cannot live in eastern States might enjoy good health here. This has been tried and proven by many Sterling people. A number of students have come to Cooper on this account. If conditions were fully understood, a great many more would come.

#### **Fifteenth Anniversary.**

The Synod of Kansas will meet in Sterling next October. This will be the fifteenth anniversary of the founding of the college. It is designed to celebrate in a suitable way the founding of the college. A carefully prepared program looking to this end will be announced later.

#### **Financial Agency and Improvements.**

Rev. H. B. Turner has been secured as the financial agent of the college. In a few weeks time he has obtained, in money and notes, nearly three thousand dollars for the college. The grounds are being improved. Plans are already made for putting steam heat in the building during the summer vacation. It is believed that

the Synod and the church at large are ready to respond in such a way as to put the college in much better condition. This means more teachers, more students, more books, more apparatus, and enlargement along all lines.

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### **Material Equipment.**

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**Buildings**—The college building is of Strong City limestone, and is one hundred and twenty feet by fifty, three stories high. It is finished in good style, has large single glass windows, a chapel to seat over three hundred, beside eleven other large and eight smaller rooms. These are well adapted for class rooms and other purposes.

Wilson Hall is one block south of the campus. The Music Department and Ladies' Dormitory are located here. It contains reception rooms, double parlor, a large dining room, bath room, and rooms for boarders. It is heated by furnace, lighted with gas, and furnished for comfort and elegance. Rev. J. T. Wilson is in charge.

The Art Studio is on Seventh Street. It has roof light and is furnished with china kiln, models, etc.

**The Campus** consists of ten acres set with a variety of trees. It contains the college, McCracken Athletic Field, and tennis grounds. It is about three-fourths of a mile from the center of town.

**Laboratories and Instruments**—The Chemical Laboratory is in the first story and has a granitoid floor. It is furnished with city water, tables and desks for individual use in experimenting, cases and shelves are fitted up with a complete line of reagents, glassware crucibles, electrolytic apparatus, blowpipes, thermometers, balances, etc., sufficient for a thorough elementary and for analytic courses.

An apparatus room for material for physical experiments is kept on the second floor. The college owns a double plate Holtz electric



machine with X-ray outfit. Much simple apparatus is made by the Normal Classes.

The Biological Laboratory is supplied with a full set of reagents for the usual course. The college owns a high power Bausch & Lomb compound microscope with double eye and nose pieces, also other microscopes.

The Astronomical Department owns a refracting telescope, focal length four feet, objective four inches, with two eye pieces, one magnifying 225 diameters. It is equatorially mounted on a tripod with altazimuth circles.

The college has a surveyor's compass, Gunter's chain and other equipment for field work.

**The Museum**—The Zoological specimens include a Smithsonian collection illustrating marine invertebrate life, birds' eggs and a considerable collection of stuffed specimens of birds and mammals. The Mineralogical and Lithological collection contains an assortment of minerals from various parts of the United States. Colorado and Kansas are well represented. All sections of our State are represented. The Geological portion embraces a collection of fossil plants and animals belonging to each geologic age, and a very valuable collection of rocks and fossils from Egypt and the Holy Land. Through the efforts of students and other friends the collections illustrative of the work in Zoology, Geology and Botany are being constantly increased. It is the aim to make the Museum not merely a collection of curiosities, but an important factor in advancing the scientific work of the students.

**Library and Reading Room**—A large room is provided with cases of books and with reading tables and magazine shelves. These are open to the free daily use of all students. Among the books is a good list in United States History and over one hundred volumes in Pedagogy recently purchased. On the reading table are the Review of Reviews, Current Literature, Success, New England Magazine, The Saturday Post, The Western School Journal, the Kansas City Daily Journal and several other weekly papers and magazines.





COOPER COLLEGE, STERLING, KANSAS.

CLARK & SONS  
ST. LOUIS, MO.



## College Organizations.

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**The Chrestomatheon and Theomoron Societies** are the student organizations for literary work. The Chresto society was organized in 1888; the Theo in 1894. Each has a fine hall, beautifully finished and furnished. The members take pride in providing the best of equipment. Each society owns an excellent upright piano, and music is a feature of each week's program. Medals are presented the members of the graduating class by their respective societies. These societies afford superior opportunities for literary training.

**The Prayer Guild** is the student organization for religious work. Since its organization in 1897, a prayermeeting has been conducted for students each Monday evening. The Guild is a material help to the college life and spirit in many ways. It is an uplifting factor in student life.

**The Athletic Association** is organized under a Board of Control consisting of two members of the faculty, and two elected by the students. The «Topeka Rules» control the athletic contests of the college. Football, baseball, and basketball teams are thoroughly organized and trained. From four to ten inter-collegiate games in each were played the past year. A Field Day is held near the close of the Spring Term. The athletic field is enclosed, and the students have the best of facilities for contest and team work. Tennis clubs provide this delightful exercise to those who enjoy it.

**The Alumni Association** meets each year during commencement week. At the last commencement season, a banquet was an enjoyable feature of the close of the academic year. The Alumni have been active in forwarding the interests of the college.

**The Cooper Courier** is distinctively the student paper. It is published monthly, and this year completes its eleventh volume. The

editorial staff are chosen annually by the student body. The *Courier* has been a well conducted paper, and has a good reputation among college papers.

**The Cooper Quarterly** is published by the faculty. It is of the nature of a bulletin of information in regard to courses, work, etc., of the college. Copies will be sent to anyone desiring to know about the work being done.

**Lectures and Lecture Courses** are each year provided for Sterling audiences. In addition to a most excellent lecture course maintained by the M. I. C., a ladies' club of the city, the students have had opportunity of hearing lecturers of national fame—as Byron W. King, John G. Woolley, and DeWitt Miller.

**The Inter-Society Contest** occurs annually the week preceding the holiday vacation. The fifth contest occurred on December 13, '01. The Chrestomatheon society was represented by Messrs. S. Chas. Tharp and Harry E. Squire, debaters; Miss Cora M. Grove, orator; Mr. Benj. M. Dobbin, essayist; Miss Ethel Stahl, declaimer. The Theomorons were represented by Miss Nellie E. Sanders and Mr. Ralph Wallace, debaters; Miss Margaret Smith, orator; Miss Mable Carson, essayist; and Miss Zada Patton, declaimer. The Chrestos gained ten points and the Theos two.

**The Inter-Collegiate Debate** held annually between Cooper College and Friends University, of Wichita, Kansas, occurred in Sterling this year, on the evening of March 14th. The question debated was; "Resolved, that the death penalty should be inflicted for murder in the first degree." Cooper was represented by Miss Cora M. Grove, and Messrs. Ralph Wallace and Walter W. Stahl, who maintained the affirmative, gaining the decision of two of the judges. The debate will be in Wichita next year on the second Friday of March. The two debates held have been won by Cooper.

**Contests** will be held during each school year in Bible Reading, in Declamation and in Oration, provided a sufficient number enter for the event. Prizes are provided for these contests.

**Public Exercises** may be assigned to students in College Classes once during the year.

### General Information.

**College Dues**—Tuition is the same in the Collegiate, Preparatory and the Normal Departments and is \$7.50 per term of ten weeks.

In the Preparatory work, if tuition is paid the first week of the term, a deduction of 50 cents will be made.

Special Fees for graduation in any course.....	\$5 00
Chemical Laboratory fee.....	3 00
Biological Laboratory fee.....	2 00
Physical Laboratory fee.....	1 00
Special Examination.....	1 00

For Music, Art and Commercial Departments fees, see elsewhere in this catalogue.

**Rooms and Boarding**—Wilson Hall, one block south of the campus, offers to young ladies both rooms and board with every convenience (see Material Equipment).

The rates for furnished rooms and boarding is lower than in private families. Any young woman who wishes may engage rooms in Wilson Hall. Those wishing to take Music along with college work will find it specially to their advantage to do so.

Many of the students rent rooms and take their meals in clubs. Furnished rooms 50 cents for each person where two occupy a room.

Table board in clubs has been \$1.75 to \$2.00 per week. Board and lodging in private families from \$3.00 a week up. Houses for rent and rooms for self board at about \$1.00 per room per month.

**Table of Total Expenses**—It is the constant aim of the College to keep expenses down to the minimum consistent with good health, first class facilities, and best working power of students.

Parents planning to send children to College always estimate the expenses. To facilitate this estimate, the following table of expenses is provided. These estimates include all expenses, such as tuition, room rent, fuel, light, laundry, meals; in fact, all necessary College expenses.

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**Estimated Cost by the Year of Forty Weeks.**

	SELF BOARD.	CLUB BOARD.	PRIVATE BOARD.
Board, etc.....	\$60.....	\$100 .....	\$100 to \$140
Tuition.....	30.....	30 .....	30
Books.....	\$5 to 10.....	10 .....	10
Total.....	\$100.....	\$140.....	\$180

A small allowance should be added to the above for personal expenses, such as railroad travel, clothing, etc. These vary with the habits of the students.

**Acknowledgements**—During the year Rev. S. Collins, D. D., has given to Cooper \$900.00 on which he is to receive 5 per cent during his life time. This makes a total donation of \$1000 by him.

About \$500 per year for five years has been promised by the Sterling U. P. congregation. Quite an amount of work in improving the grounds has been donated by friends in the community. Quite a number of subscriptions to aid in putting in steam heat have been made by friends around Sterling.

### **Requirements for Admission.**

Any person of good moral character, not too young to do the work, may be admitted as follows:

1. To the Junior Preparatory Class, on giving evidence of sufficient knowledge of the common branches to carry the required subjects.

2. To the first year of the Normal Course, on giving evidence of sufficient knowledge of the common branches to do the high grade of work required of those preparing to teach.

3. Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the subjects of the Preparatory Department, or to present a certificate from a creditable school or college, showing that equivalent work has been done in a satisfactory manner. An applicant may be admitted although deficient in some of these requirements, provided such deficiencies are not so serious, as in the judgment of the Faculty to interfere with his doing the regular work; but all deficiencies must be made good within a reasonable period.

4. Persons desiring to pursue some special line of study, without becoming candidates for a degree, are allowed to do so, if in the judgment of the Faculty their preparation has been sufficient to enable them to pursue such work profitably. Special students are subject to the same discipline as regular students.

**Examinations** are held upon the completion of a subject. In determining the final grade upon any subject the average recitation grade and the examination grade count each one-half. Other examinations may be held at such times as the professor in charge may determine. Should a student desire an examination at another time than that of a regular examination, or that appointed by the professor in charge, it may be obtained by the consent of the professor in charge and the payment of a fee of one dollar.



**Registration**—Each student is required to register at the beginning of each semester, giving such information concerning himself and the work desired, as the Faculty may request. No student is entitled to any credits until he has registered.

**Reports**—At the close of each term a report of the student's attendance, class grades and examinations is sent to the parent or guardian.

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### **Courses of Study.**

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There are five general courses in the Collegiate work, numbered and named as follows:

I. **The Classical Course**, with degree of A. B. at graduation, requiring four years of study after completion of Preparatory work.

II. **The Scientific Course**, with degree of B. S. at graduation, requiring four years.

III. **The Literary Course**, with degree of B. L. at graduation, requiring three years of study.

IV. **The Academic Course**, for which a certificate is given at graduation, requiring two years of College work.

V. **The Medical Preparatory Course**, requiring two years work. No degree is given in this course.

In all subjects except where special mention is made five hours per week are required.

## **Departments of Study.**

### **MENTAL AND MORAL SCIENCE.**

I. **Psychology**—Thirty weeks, one semester and a-half, are devoted to the study of this subject. Consciousness, presentation, thought and intuition are each in turn investigated. At every step the appeal is made to experience to corroborate the dictum of the text. Porter's Intellectual Science is the basis. Seniors, required in courses I, II, III, IV, V.

II. **History of Philosophy**—The last half of the second semester is taken up with a study of Schwegler's text, supplemented by discussion and collateral reading. Seniors, Courses I, II, III.

III. **Logic**—First semester—The design is to familiarize the student with all the more general forms of reasoning. Dr. Schuyler's text book is used. Seniors, Courses I, II, III, IV, V.

IV. **Ethics**—Second semester, 20 weeks. Wayland's Moral Science is studied. A careful examination is made of the basis and rules for moral conduct. The Bible is presented as the rule of moral action, and its precepts are shown to be in accordance with human reason and human needs. Seniors, Courses I, II, III, IV, V.

### **THE BIBLE.**

Bible instruction is given to all the students for the entire year. Two courses have been given this year.

1. **The Life of Christ.** The gospels have been studied and the events of Christ's life have been presented as nearly as may be in chronological order. The students were required to take notes upon the lessons and these were submitted as part of the record of standing. Regular recitations were also required. One hour per week required of all students in the Preparatory Department, as a pre-requisite for collegiate standing.

2. **Genesis and Exodus.** The students in the Collegiate Department spent one hour per week throughout the year in the study of these two books. Special study was made of the institution of God's government, and the meanings of type and symbol, required of all the students in all college courses, as a requisite for advanced standing and for graduation.

**Evidences of Christianity**—The arguments touching the historical and scientific accuracy of the Bible, and its divine origin are presented and discussed. Alexander's *Evidences* is the basis of study. First half of second semester. Seniors, Courses I, II, III, IV, V.

### HISTORY AND POLITICAL ECONOMY.

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1. **English History**—The work in English History includes the thorough study of Green's *Short History of the English people*, the course requiring thirty weeks. Gardiner's *Atlas of English History* is used to give the students the necessary knowledge of the geography of the time and places studied. In addition to the study of the text book, students are required to use the library for the investigation of many subjects. The College library contains an excellent selection of historical works. Freshman, Courses I, II; Juniors, Course II

II. **Political Economy** is studied for twenty weeks, the second semester. A careful study is made of Walker's *Advanced Course* with discussion of the subjects therein treated. Special attention is given to the study of modern, social and economic problems. Juniors, Courses I, II, III.

### ANCIENT LANGUAGES—GREEK.

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1. **Xenophon's Anabasis**, books II to IV; first semester. The essential points of inflection and syntax are thoroughly reviewed. Freshman, Course I.

2. **Homer's Iliad**, books I to IV; second semester. Freshman Course I.



3. Xenophon's *Memorabilia*, books I, II and III, thirty weeks. Sophomore, Course I.

4. Greek Testament, ten weeks. Sophomore, Course I.

5. Demosthenes' *De Corona*, first semester. Junior, Course I.

6. Plato's *Apology*, first half second semester. Junior, Course I.

7. Aeschylus', *Prometheus Bound*, last half second semester. Junior, Course I.

In all the Greek courses it is the aim, after having secured a good foundation in the grammatical principals of the language, to so study the authors that there may be some appreciation of the thought and literary excellence.

### LATIN.

1. Cicero, select orations and essay on *Friendship or Old Age*; forty weeks. Freshman, Courses I, II, III; Juniors IV.

2. Horace, selected odes and satires; first semester. Sophomore, Courses I and II; Juniors, Course III.

3. Tacitus' *Germania* and *Agricola*; second semester. Sophomore, Courses I and II; Juniors, Course III.

4. Plautus, second semester. Junior, Courses I.

The Latin Courses are intended to give exercises in the study of the different styles of literature at the period of its highest development, and to show the indebtedness of the English language and life to the Latin.

### MODERN LANGUAGE—GERMAN.

1. Bernhardt and selections from German Classics; entire year. Among these are Schiller's *Wilhelm Tell*, Riehl's *Burg Neideck*, Lessing's *Minna von Barnhelm*, Meyer's *Gustav Adolf's Page*. Freshman, Courses II, III; Juniors, V.

2. German Classics; entire year. Scheffel's *Ekkehard*, Goethe's *Faust*, Lessing's *Nathan Der Weise* and others. Soph-

omore, Scientific or Junior Literary; required in Course II; optional in Course III.

Conversation exercises and exercises in composition accompany all the work in German. Readings in Scientific German are also given in the course.

### MATHEMATICS.

1. **Geometry**—Plane and Spherical. One year is given to this subject. Chauvenet's text is used; much original work is required and there are frequent written tests; required in Courses I, II, III for Freshman, Courses IV and V for Juniors.

2. **Higher Algebra** including topics Ratio, Proportion, Variations, Logarithms, Permutations, Series, Theory of Limits, Numbers and Equations. Wentworth's text; first semester. Sophomore, Courses I, II.

3. **Trigonometry and Surveying.** Plane and Spherical Trigonometry with development of formulae and with applications. Sufficient attention is given to surveying and leveling to render the student familiar with the ordinary operations and computations. Two hours per week are given to field work. Second semester. Sophomore, Courses I, II.

4. **Analytics.** In this subject the geometrical and algebraic methods of proof are united in a systematic study of the line, circle, parabola, ellipse and hyperbola. A short study of the higher plane curves is appended. First semester; Juniors, Courses I, II.

5. **Calculus**—Differential and Integral. Second semester; Junior, Course II.

Each of these subjects is a requisite to the following one.

### ENGLISH LANGUAGE AND LITERATURE.

1. **Milton's Paradise Lost** is studied the last half of second semester. Attention is given to the thought, the language, the historical and mythological references and to the memorizing of certain portions. Theses on assigned topics are also required. Courses I, III. Seniors, Courses IV and V.

2. **Trench's Study of Words**, is made the basis of one term's work. Each member of the class is expected to be on the alert to find new words or words of special import. Each year many words not in the text book are carefully studied. Last half first semester; Sophomore, Courses I, II; Juniors, Course III.

3. **Science of Rhetoric**—Hill's text. In order to prepare for effective speaking, the laws of the mind and the adaptations of truth to the thinking mind so as to lead to action are carefully studied. Special attention is given to composition, preparation of outlines and discussion argumentatively of questions of debate. First semester, Sophomore, Courses I, II; Junior, Course III.

4. **English Literature**. One entire year is given to this subject. Three lines of study are followed: first, text book with Shaw's work as the basis; second, several works of the best authors are read and carefully discussed in the class room; third, critiques on both English and American authors and their works are required from each member of the class. Some time is spent in the study of contemporary literature. Juniors, Courses I, II, III, IV.

5. **Philology**. Lectures are given in which a general view of language is given, showing something of the relationship of the members of the various families of speech. A sketch is given of the history of the English language and of the causes which bring about change. Last half of second semester, Juniors, Courses I, II, III, IV.

6. **Shakespeare** is studied for 10 weeks by the Seniors. A critical study of two plays. Collateral studies, and a number of passages committed to memory are required. Courses I, II, III, IV, V.

### NATURAL SCIENCES.

1. **Biology**—Two lines of work are followed, recitations and laboratory. The textual work is based on Sedgwick & Wilson's Biology, and the experimental on Pillsbury's Laboratory Guide. High power microscopes and giasses are used and the necessary chemical reagents supplied. First semester. Freshmen, Course II; Juniors, course V.

2. **Botany**—Gray's School and Field Book is used. After study of this text, the members of the class analyze and press plants and flowers. Each member is expected to analyze from sixty to one hundred native plants and preserve the pressed specimens in a blank book. Laboratory work is also required. Second semester. Freshman, Course II; Sophomore, Course I; Juniors, Course V.

3. **Chemistry**—Descriptive and Theoretical Chemistry are studied from Remsen's text. Half the time for twenty weeks is given to Laboratory practice, in which each student is expected to perform for himself at least one hundred experiments. All experimental work must be recorded in note book, by description, diagram and chemical equation and formula. The Laboratory is well furnished. First semester. Junior, Courses I, II, V. Optional in Courses III, IV.

4. **Qualitative Analysis**—For advanced students in Chemistry. Chemistry is a pre-requisite. Second semester. Junior, Course V. Optional, Course II.

5. **Physiology**—An advanced course using Martin's Human Body as a text. Preparatory Physiology is a pre-requisite. Second semester. Sophomore, Course II; Junior, Course V.

6. **Physics**—An advanced course using Olmsted's text. Laboratory experiments are also required. Preparatory Physics and the Advanced Mathematics are pre-requisites to this course. Additional

work is given from "100 Problems in Mathematical Physics," Second semester. Junior, Course II.

7. **Astronomy**—Newcomb's *Astronomy* is the text and Young's *Uranography* is used for observation work. Reference is had to other texts, to notes, charts, etc. Definite observation work is required. The college owns a good telescope and it is used in studying moon, planets, double stars, nebulae. Facility for extra study accorded. First semester. Senior, Courses I, II, III, IV, V.

8. **Zoology**—Packard's *Advanced Course* is used as a text. Collateral reading is required, and a thesis upon some special topic. The Museum furnishes illustrative specimens. First semester. Senior, Courses I, II, III, IV, V.

8. **Geology**—Dana's text, revised edition is used. A thesis is required upon some special topic. Some study is given to Kansas Geology. Specimens illustrative of each age are at hand. Second Semester. Seniors, Courses I, II, III, IV, V.



# CONSPICUOUS OF THE COLLEGIATE COURSES.

COURSE.	FRESHMAN.		SOPHOMORE.		JUNIOR.		SENIOR.	
	1st Semester.	2d Semester.	1st Semester.	2d Semester.	1st Semester.	2d Semester.	1st Semester.	2d Semester.
I CLASSICAL (A. B. Degree.)	Geometry Cicero Anabasis English Hist.	Geometry Cicero Iliad English His. 1 Milton 2	Higher Algebra Horace Memorabilia Science Rhet. 1 Trench 2	Trigonometry and Surveying Tacitus Memorabilia 1 Greek Test 2 Botany	English Lit. Analytics De Corona Chemistry	American Lit. 1 Philology 2 Plautus Plato 1 Aeschylus 2 Polit. Economy	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics
II SCIENTIFIC (B. S. Degree.)	Geometry Cicero German II Biology	Geometry Cicero German II Botany	Higher Algebra Horace German III Science Rhet. 1 Trench 2	Trigonometry and Surveying Tacitus German III Physiology II	Analytics Chemistry English History English Lit.	Calculus or Qual. Analysis Physic. II Polit. Economy American Lit. 1 Philology 2	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics
III LITERARY (B. L. Degree.)	Geometry Cicero German II English Hist.	Geometry Cicero German II English His. 1 Milton 2			Horace or German III English Lit. Science Rhet. 1 Trench 2 Elective	Tacitus or German III American Lit. 1 Philology 2 Polit. Economy Elective	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics
IV ACADEMIC PREPARATORY. (No Degree.)					Geometry Cicero English Lit. Elective	Geometry Cicero American Lit. 1 Philology 2 Elective	Psychology Logic Zoology Astronomy	Psychology 1 Milton 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics
V MEDICAL (No Degree.)					Geometry German II Biology Chemistry	Geometry German II Botany Qual. Analysis Physiology II	Psychology Logic Zoology Astronomy	Psychology 1 Milton 2 Ev. Christianity 2 Shakespeare 2 Geology Ethics

The number 1 or 2 occurring after a subject means that it runs only the first or second term of that Semester.

### **Normal Department.**

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The Normal Department is designed to give a thorough preparation for teaching, and to meet the demands for competent and professionally trained teachers. Normal students receive the same careful attention, and enjoy the same privileges accorded students of the other departments. Stress is laid upon mastery of the common school branches, and upon thoroughness. Two courses of study have been carefully arranged.

The Normal Course is approved by the State Board of Education and leads to the State Certificate. It provides careful instruction in both the Academic and professional subjects. The course covers a period of four years. In this course is brought together all that bears upon Pedagogy, from the History of Education, from Psychology, from the principles and art of teaching, and from a comparative study of systems of education. This knowledge is united into a body of pedagogical doctrine and its application to education and instruction pointed out.

The Elementary Course for Teachers is a two years' course, arranged with reference to the special needs of the average teacher, or one preparing to teach in the public schools. It gives thorough training in the common school branches. The academic subjects that are most closely related to the teachers work are also included, as are such professional subjects as School Management, School Law and Primary Methods. Bookkeeping, Physics and U. S. Constitution are thoroughly studied. Spelling and Parliamentary Law receive the attention demanded by the teacher's position. A certificate of graduation will be presented to those completing this course. Credit may be secured on the Normal Course by those who are graduates from the Elementary Course.

To Meet the Needs of Teachers and those preparing to teach, classes

are taught during the entire year. All can thus be accommodated, although unable to be in school more than one or two terms.

**Entrance Requirements** are as follows: Those holding second grade certificates are admitted to the Normal Course without examinations; others are required either to take entrance examinations, bring grades from accredited schools, or take the subjects regularly in class. Passing grades in this department must be 80 per centum.

**The Professional Subjects**, History of Education, Philosophy of Education, School Law, School Management and Methods of Instruction are given special attention in the Normal Course. Beside these subjects courses in Primary Methods, Kindergarten and Child Study contribute to the students' professional training. Each student of this department during his third or fourth year is required to devote at least 20 weeks to practice teaching and criticism under the direct supervision of the regular professors or instructors.

**Teachers' Reading Courses** have been outlined and each Normal student is expected to follow at least three of these each year of his course. These readings are selected from the fine new pedagogical library added during the past year.

**State Certificates**—Under the law of 1893 graduates from the Normal Course receive a three years' certificate to teach in any of the schools of the State. This certificate becomes a life certificate, if the holder teaches two out of the three years to which his certificate entitles him. The State Board of Education requires an examination in the five professional branches only. This is an opportunity that prospective teachers should not overlook.

The law of 1899 further provides that graduates of the A. B. or B. S. Courses, by electing the professional subjects during the regular course, and doing practice teaching may also secure the State certificate.



# CONSPECTUS OF THE TEACHERS COURSES.

COURSE.	FIRST YEAR.		SECOND YEAR.		THIRD YEAR.		FOURTH YEAR.	
	1st Semester.	2d Semester.	1st Semester.	2d Semester.	1st Semester.	2d Semester.	1st Semester.	2d Semester.
NORMAL. (State Certificate Course—Approved by State Board of Education.)	Arithmetic English Grammar U. S. History Polit. Geography U. S. Constitution	Arithmetic Physiology I Eng. Grammar 1 Penmanship 1 Physical Geog. 1 Parliament. Law 1 Primary Meth. 1 Orthography 2 Reading 2	Algebra Latin Grammar Composition and Rhetoric Physics I Bookkeeping 1 Spelling B 2	Algebra Genl. History Botany Physics I Latin Gram. I Spelling C. 1 Caesar 2	Geometry Zoology Astronomy English Lit. Caesar	Trigonometry and Surveying Geology Polit. Economy Music Virgil	Psychology Chemistry History of Education School Management 1 Scho'l Law 2 Teaching and Criticism	Physiology II Drawing Philosophy of Education Kindergarten or Child Study Methods Teaching and Criticism
ELEMENTARY. (Prepares for Public School Work.)	Arithmetic Eng. Grammar U. S. History Polit. Geography U. S. Constitution	Arithmetic Physiology I Eng. Grammar 1 Penmanship 1 Physical Geog. 1 Parliament Law 1 Primary Meth. 2 Orthography 2 Reading 2	Algebra Composition and Rhetoric Physics I School Mangt. 1 Bookkeeping 1 School Law 2 Spelling B. 2	Algebra Genl. History Botany Physics I Spelling C 1 Methods 2				

The number 1 or 2 occurring after any subject means that it runs only the first or second term of that Semester.

### **Preparatory Department.**

The Preparatory Department, from the first, has had a justifiable existence, in view of the scarcity of secondary school privileges of many of our students. The advantages offered are twofold: A preparation for a collegiate course, and thorough training in academic branches.

The Instruction is given by the professors in charge of the regular college classes—affording a marked advantage to underclass students. The privileges of the Preparatory students are the same as those of the college.

For Admission to this department elementary knowledge of English Grammar, Arithmetic, United States History and Geography is required. For advanced standing the applicant must show ability to enter the studies proposed. Certificates from public schools or high schools may be received as credits on approval.

Graduation from the Preparatory Department will hereafter be a permanent feature of our under-class work. The course provided is a unit and should be taken up in order. To mark the completion of this work, graduating exercises will be held during the commencement season, the conditions for graduation being the same as the requirements for admission to the Freshman Class of the corresponding college course.

The Course of Study maintains two years of work above the common branches. The same preparatory work is required for admission to all the collegiate courses with the single exception that Classical students take the beginning year in Greek instead of German.

The subjects of the Preparatory Course include:

**Mathematics—Algebra** is studied all of the Junior Year. This ground work is sought to be well laid. Original work in problems, note book and written test are made frequent use of in this subject. Wentworth is the basis of the study.

**Science—Physiology**—(Blaisdell's text) is taught the last semester of the Junior Year.

**Physics**—(Gage's Elements) with weekly laboratory work is given during the Senior Year.

**English—Composition and Rhetoric** occupies the first semester of the Senior Year. Original work is required in outlining and writing essays, etc. Hart is the basis of study.

**Civics and History**—One half year is devoted to each—Political Science and General History. In the former, Andrew's text is used and library work required of each pupil. In the latter Meyer's General History is studied one-half of the Senior Year.

**Latin**—Three terms are given to the Grammar and Reader, three to Caesar and two to Virgil. The Roman system of pronunciation is used. In the first year's work, special effort is made to show the indebtedness of English Grammar and vocabulary to the Latin for explanation of forms and derivations.

**German**—The beginning year's work in German is taken by all but classical students.

**Greek**—Three terms are devoted to the Grammar and one term to Anabasis in the Senior Year by Classical students.

**Parliamentary Law** is studied ten weeks of the Junior Year.

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### CONSPECTUS OF PREPARATORY COURSE.

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JUNIOR.		SENIOR.	
1st Semester	2d Semester	1st Semester	2d Semester
Algebra	Algebra	Physics I	Physics I
Latin Gram.	Latin Gram. 1	Caesar	Virgil
U. S. Constitution	Caesar 2	Composition and Rhetoric	Gen. History
	Physiology I	German I or	German I or
	Parl. Law 1	Greek Gram.	Greek Gram. 1
		Greek Gram.	Anabasis 2

The number 1 or 2 occurring after a subject means that it runs only the first or second term of that semester.

The Roman numeral I means the first course in a subject, II the second course, etc.

## Commercial Department.

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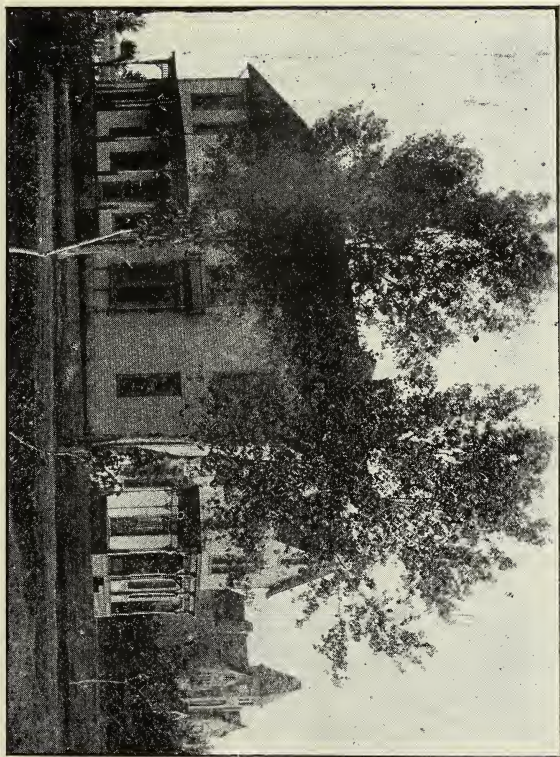
The design of the Commercial Department is to furnish a thoroughly practical course for those young people who wish a business education, and for those who, though not expecting to engage in a purely commercial vocation, wish a good, practical education that will be of use to them every day.

The work in Commercial Arithmetic is confined to a thorough mastery of those principles and operations used in business. Much attention is given to short methods and rapid calculations. In Bookkeeping the individual plan is used. Each student works by himself and makes such progress as his ability and application merit. The course in Bookkeeping includes single and double entry, retail and wholesale work, commission, joint stock and banking sets. In spelling the aim is to give a thorough drill in spelling words used in business and everyday life and counteract the laxness so common at the present time in teaching this important subject. The student will be required to spend one hour daily in the practice of plain, business penmanship for at least twenty weeks of the course. The work in Grammar will include the essentials and will be so presented that beginners will find no trouble in pursuing the course. The course in Commercial Law will include the laws governing all the usual business transactions. In business practice the actual work will be done. Purchases, sales, loans and deposits will be made. We have offices for this work. In Letter Writing the student will be taught correct forms and all the essentials for writing a neat letter. In business correspondence the typewriter should be used.

A diploma will be given on the completion of this course.

Our plans for the Commercial Department have not been fully matured. They will be announced in the Summer Quarterly. Below will be found a general statement of this department.

WILSON HALL AND DORMITORY;





## **Art Department.**

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The aim of this department is:

1st. To impart a thorough knowledge of the underlying principles of Art, as well as adaptation to decoration and design.

2d. To give to those who are looking forward to the profession of teaching a systematic training in Form Study and Drawing, which will tend to make them accurate in eye and hand and help them in expressing and impressing thought.

3d. To direct attention to the beautiful in nature and art, developing the aesthetic faculties and leading to the appreciation of the true, the beautiful and the good.

Of what practical value will the study of Art be to the student?

In an official publication issued by the United States Bureau of Education this testimony is given:

«Drawing is a universal language common to all people, essential to every form of manufacture, useful to every individual, always convenient, often indispensable. He who can draw readily and correctly can be taught any kind of manual industry much more readily. To be able to draw is to be more sure of earning a living now; before long, not to be able to draw will be as disgraceful as it now is not to be able to read and write. It will be an evidence of inferiority.»

In this department the Normal Course comprises the elementary principles of construction, representation and decoration.

In the sketching classes which meet regularly for practical work, the following work is pursued.

1st. Drawing from objects.

2d. Sketching from nature.

3d. Charcoal drawing from life.

Throughout the year instruction is offered in oil, crayon, pastel, watercolors and china painting.

The studio being furnished with a kiln, brings the beautiful art of china painting within the reach of all.

For information as to terms, etc., address, ALICE M. BROWN.

## Music Department.

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J. P. Grant Musical Director.

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**Piano**—The most careful attention is given to the laying of a proper foundation in the playing of every pupil. While the standard classical composers are drawn upon for the greater part of the piano curriculum, the more modern romantic school is by no means neglected. Pianists of the present day should be versatile, and many-sided in their artistic resources, and to this end, the piano course is planned from its most elementary stage, upwards.

**Voice**—Instruction in this department includes everything that assists in the development of the vocal artist. The most admirable results are those which ensure the greatest durability of voice, together with sympathy, mellowness, elasticity, and purity of tone. The principles are those used by the greatest singing masters of Europe.

**Concerts and Recitals**—Concerts will be held frequently. Pupils in each of these departments, on satisfying the examiners of their proficiency, will be granted a graduating diploma on completing the course.

### Terms.

Piano, twenty lessons.....	\$10.00
Vocal, twenty lessons.....	\$15.00

## Roll of Students, 1901-02.

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The Course is indicated thus: cl, Classical; sc, Scientific; lit, Literary; a, Academic; n, Normal; spl, taking special work of college grade, but not, therefore, entitled to permanent rank.

### Seniors.

> Grove, Cora Mary, <i>sc</i> .....	Welda
Hunter, Fred Clarence Morgan, <i>a</i> .....	Newton
McCrary, Sara Lavinia, <i>lit</i> .....	Sterling
Ross, Amy Almira, <i>sc</i> .....	Sterling
Sanders, Nellie Arvilla, <i>n</i> .....	Cottonwood Falls
> Spencer, Frances Eleanor, <i>sc</i> .....	Sterling
Squire, Harry Elmore, <i>n</i> .....	Harper
Stahl, Walter W, <i>cl</i> .....	Sterling
> Tharp, Charles Stafford, <i>sc</i> .....	Sterling
> Wallace, Ralph Foster, <i>sc</i> .....	Sterling

### Juniors.

Allen, Claude Ramsey, <i>spl</i> .....	Sterling
Baldwin, Izora, <i>spl</i> .....	Alden
Bond, John Marvin, <i>sc</i> .....	Sterling
Griffie, Roy, <i>n</i> .....	Alden
Hanlon, William Leslie, <i>sc</i> .....	Sterling
Patton, Zada Ann, <i>n</i> .....	Sterling
Randle, Wilbert Ischam, <i>sc</i> .....	Sterling
Wiggins, Cassie Emma, <i>lit</i> .....	Sterling

### Sophomores.

Chase, Frank E., <i>spl</i> .....	Chase
Davis, Dora Ellen, <i>spl</i> .....	Stafford
McCarroll, Clara Ernestine, <i>lit</i> .....	Sterling



McCrary, Elizabeth Myrtle, <i>cl</i> .....	Sterling
McKirahan, Anna Idella, <i>spl</i> .....	Sterling
Porter, R. Ethyle, <i>spl</i> .....	Geneseo
Ross, Harry R, <i>sc</i> .....	Sterling
Wells, Edgar Ross, <i>sc</i> .....	Sterling

Freshmen

Bobey, Henry G., <i>spl</i> .....	Larned
Buttles, Walter A., <i>sc</i> .....	Hutchinson
Carson, Mable E., <i>lit</i> .....	Sterling
Conway, Jay Thomas, <i>cl</i> .....	Sterling
Dobbin, Benjamin Miller, <i>cl</i> .....	Viola
Gordon, George Guy, <i>spl</i> .....	Sterling
Guttery, Olive,.....	Sterling
Greenlee, Idella Myrtle, <i>spl</i> .....	Sterling
Irvine, William Robert, <i>cl</i> .....	Americus
Keeley, Daniel, <i>spl</i> .....	Sterling
Mustard, Paul French, <i>cl</i> .....	Sterling
Nash, Clarence A., <i>sc</i> .....	Furley
Oyler, David Smith, <i>cl</i> .....	Nortonville
Smith, Margaret, <i>lit</i> .....	Sterling
Seigle, Andrew Jackson, <i>cl</i> .....	Huntingdon, Pa.
Sterrett, DeRobb, <i>spl</i> .....	Sterling
Thompson, LeRoy, <i>sc</i> .....	Sterling
Tippin, Robert Clyde, <i>spl</i> .....	Sterling
Williams, Ralph, <i>cl</i> .....	Sterling

## Preparatory Students.

### Senior.

Baber, Edward & Bruce.....	Sterling
Cook, Dollie M.,.....	Lyons
Carter, Curtis Luther.....	Sterling
Edgar, Josiah D.....	Sterling
Gebhardt, Guy .....	Sterling
Hays, Edith Clare.....	Nortonville
Inches, John W.....	Sterling
Jones, Hobart.....	Saxman
Lamberson, Ethel May .....	Saxman
Lockwood, Clare Smith.....	Spivey
McCarroll, John H.....	Sterling
Stahl, Ethel Ketura <sup>h</sup> .....	Sterling

### Middle.

Barnes, Harvey D.....	Harper
Clare, Eston H.....	Sterling
McCarroll, Ralph.....	Sterling
McClung, J. Ralph,.....	Harper
McVey, David Wilson,.....	Sterling
Price, Lizzie.....	Alden
Ramsey, Frank M.....	Sterling
Ross, John E.....	Smith Center
Shonyo, Shirley B.....	Bushton
Simpson, James D.....	Sterling
Slentz, Dora.....	Saxman
Smith, Bessie E.....	Sterling
Smith, Jay N.....	Sterling
Smith, Verne.....	Sterling

Spencer, Eula A.....	Sterling
Wertz, Howard Elmer.....	Sterling
Wohlford, Mary.....	Harper
Woleslagel, Ernest.....	Sterling
Blakely, Mildred Mary .....	Lyons
Bradshaw, Aubrey J.....	Duquoin
Brownlee, James Erskine.....	Pretty Prairie
Brownlee, Ray.....	Pretty Prairie
Byall, Wallace.....	Garnett
Chase, Harry.....	Chase
Crump, John W.....	Lyons
Casey, William.....	Bushton
Daily, Eugene.....	Alden
Fowler, Lova (now Mrs. McCreery).....	Chicago, Ill
Ginter, Garfield Lovell.....	Lyons
Guthrie, George Thomas.....	Walton
Guthrie, Clyde Samuel .....	Walton
Gilchrist, Golde Eleanor.....	Walton
Gebhardt, Ida Laura.....	Sterling
Gist, Alma Grace.....	Sterling
Giffien, Grace Buford.....	Peabody
Hutchins, Herschel A.....	Sterling
Ham, Pearl Gertrude.....	Saxman

## Junior.

Brown, Edward Roy.....	Duquoin
Barr, Leona F.....	Harper
Beaman, Annis E.....	Sterling
Caldwell, Harry.....	Geneseo
Crego, Bertha.....	Sterling
Dauner, Lottie.....	Duquoin
Huffman, Olive.....	Sterling
Hemphill, Cameron Johnston.....	Pretty Prairie

Helmer, LeRoy.....	Geneseo
Humphreys, Sarah Margaret.....	Sterling
Jackson, Lavinia.....	Sylvia
Martin, Leta.....	Sterling
Munford, Lydia Lauretta .....	Jetmore
Munford, Raymond .....	Jetmore
Palmer, Charlie.....	Harper
Pearce, Vera.....	Sterling
Roney, Myrtle.....	Harper
Rymph, James D.....	Harper
Rymph, Ada.....	Harper
Smith, Harold C.....	Sterling
Stewart, Blanche.....	Alden
Saxton, Mable.....	Sterling
Turner, Hugh Bruce.....	Sterling

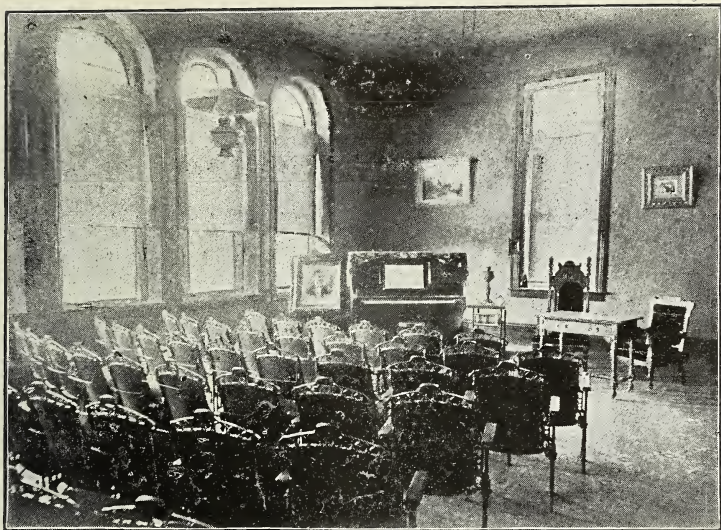
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### Commercial Students.

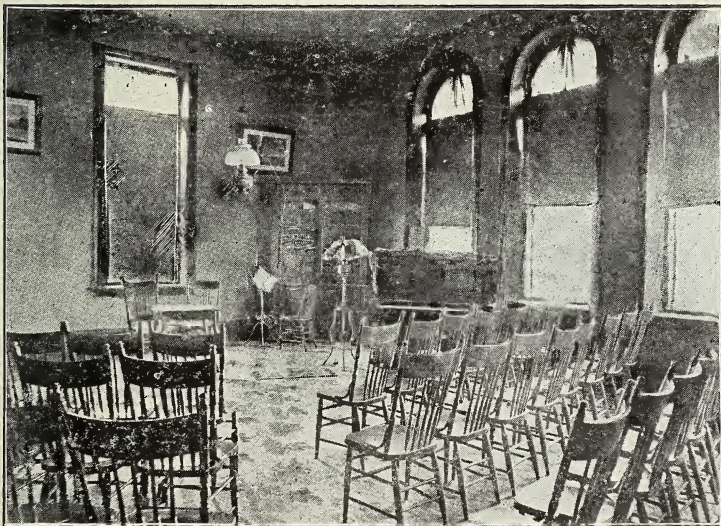
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Byall, Wallace	Lamberson, Ethel
Barnes, Harvey	Munford, Lauretta
Bradshaw, Aubrey J.	Rymph, Ada
Clare, Eston	Simpson, James D.
Crump, John W.	Smith, Harold C.
Ginter, Garfield L.	Smith, James N.
Gordon, George G.	Stahl, Walter W.
Hunter, Fred C. M.	Turner, H. Bruce
Inches, John	Wertz, Howard
Irvine, Wm. R.	Wohlford, Mary
Jones, Hobart	





*CHRESTOMATHEON LITERARY HALL.*



*THEOMORON LITERARY HALL.*





## Normal Students.

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### Fourth Year.

Sanders, Nellie A.  
Spencer, Frances E.

Squire, Harry E.

### Third Year.

Griffie, Roy  
Guttery, Olive

Patton, Zada A.  
Allen, Claude

### Second Year.

Blakely, Mildred M.  
Baber, Bruce  
Shonyo, Shirley  
Barnes, Harvey D.  
Wohlford, Mary  
Cook, Dollie

Lockwood, C. S.  
Gist, Alma  
McClung, J. R.  
Gilchrist, Golde  
Smith, Margaret

### First Year.

Crego, Bertha M.  
Gebhardt, Ida  
Hutchins, Herschel  
Jackson, Lavinia  
Slentz, Dora  
Barr, Leona

Hemphill, C. J.  
Huffman, Olive J.  
Humphreys, Margaret  
Price, Lizzie  
Stewart, Blanche  
Pearce, Vera

### Art Department.

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Beaman, Annis  
Brown, Lorena  
Hunt, Gladys  
Inches, Inez  
Ireton, Leone  
Johnston, Mrs. C. E.  
Junkin, Evans  
Kautz, Ninnie  
Kern, Anna  
Kern, Katherine  
McKee  
Newcomer, Mrs.  
Patton, Mary  
Patton, Mattie  
Patton, Zada  
Rhodes, James  
Sanders, Nellie  
Shawhan, Delbert  
Skiles, Grace  
Smith, Golde

Smith, Mrs. J. C.  
Smith, Mae  
Smith, Myrtle  
Spencer, Edna  
Squire, Ellen  
Squire, Harry  
Stormont, Stella  
Straney, Milo  
Stephenson, Mrs.  
Strong, Vera  
Sturgeon, Ruth  
Taylor, Myrtle  
Trueheart, Virginia  
Turner, Bessie  
Watson, Merle  
Westenhaver, Blanche  
Westenhaver, Mrs.  
Wirshing, Sallie  
Wingett, Ella  
Wright, Lorena

## Music Department.

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### Piano.

Porter, Ethyle	Turner, Helen
Mathews, Ruth	Squire, Ellen
Green, Lilly	Smisor, Grace
Ramsey, Grace	Clark, Emma
Heter, Edith	Garey, Myrtle
Smith, Myrtle	McKirahan, Anna
Rogers, Lillian	Tharp, Charles
Smith, Lenora	Wirshing, Sallie
Spencer, Eula	Hawley, Isabelle
Taylor, Laura	Sholes, Marie
Selfridge, George	Shaak, Winfield
Selfridge, Edna	Berry, Adela
McCrory, Sarah	Johnston, Jay
Kern, Katherine	Morris, Thomas
Brown, Laura	Enfield, Grace
Roney, Myrtle	Keys, Cora
English, Mrs.	Wingett, Alice
Skiles, Grace	Hockett, Muriel
Quigley, Helen	Bundy, Joe
Shaak, Evadna	Stairs, Lillie
McVay, Cecil	Fowler, Lova
Findlay, Edith	Hockett, Edith
Brown, George	Means, Leta

## Vocal.

Porter, Ethyle  
Green, Lillie  
Smith, Lenora  
Selfridge, George  
Kern, Mrs. Anna B.  
Brown, Laura  
Skiles, Grace  
Quigley, Helen  
Wood, Prof. T. M.  
Fleming, Alvin  
Brown, George  
English, T. J.  
Turner, Helen  
Carson, Mabel  
Clark, Emma  
Gary, Myrtle  
Shay, Mrs.  
Tharp, Charles  
Wirshing, Sallie  
Hawley, Isabelle

Jennings, Florence  
Atkinson, Walter  
Thomson, J. A.  
Thomson, Mrs. J. A.  
Enfield, Grace  
Means, Mrs. U. L.  
Hockett, Muriel  
Bundy, Joe  
Bond, John  
Smith, James  
McCarroll, John  
Stubbs, Louis  
Smith, Isabelle  
Carter, Curtis  
Ross, Dr. Harry  
Fowler, Lova  
Mathews, Ruth  
Roy, Alice  
Lott, Amy  
Fleming, John

## Pipe Organ.

Sholes, O. T.  
Smisor, Grace  
Pollard, Ora

## Elocution.

Stahl, Walter  
Tharp, Charles



### Alumni.

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1892.

ESSINGTON H. LEES, B. S.; Lawyer, Sterling, Kansas.

1893.

JAY F. BEAMAN, B. S.; Student Civil Engineering, State University.

ARCHIE C. REES, A. B.; Farmer, Sterling, Kansas.

EDWARD C. REES, A. B.; Farmer. Newton, Iowa.

1894.

REV. GEO. F. W. BENN, A. M.; (Uni. of Penn.) Minister, Staunton, Ill.

REV. EDGAR H. BLACK, A. B.; Pastor, Mayfield, Kansas.

1895.

TALMON BELL, A. B.; Professor of History and Political Economy,  
Cooper College.

1896.

MINNIE LEES (MRS. MANN), B. S.; Mason, Michigan.

REV. WILLIAM A. PHILIPS, A. B.; Pastor, Pittsburg, Penn.

DELLA M. SPENCER (MRS. LEES), B. S.; Sterling, Kansas.

1897.

ELLA E. CRUM (MRS. HOOD), B. S.; Omaha, Nebraska.

CALEB B. ELLIOTT, N.; Merchant, Delta, Colorado.

WILLIAM T. HOOD, B. S.; Omaha Gas Co., Omaha, Nebraska.

JOHN M. KIRKWOOD, B. S.; Lawyer, Chicago, Illinois.

JESSE G. LISTON, N.; Principal Township School, Coffee, Indiana.

1898.

JOHN U. BRUSH, A. B.; Minister, Laurel Hill, Penn.

WILLIAM I. FINLEY, B. S.; Merchant, Lyons, Kansas.

MABEL GRANDY, (MRS. ENGLISH), B. S.; Sterling, Kansas.  
ORIN A. KEACH, A. B.; Pastor, Portland Mills, Indiana.  
OTTO W. NEWBY, A. B.; Professor of Pedagogy, Cooper College.  
BELLE S. SMITH, B. S.; Teacher, Garnett, Kansas.  
ESTELLA M. STORMONT, B. S.; Postoffice Assistant, Sterling, Kansas.  
E. VERA STRONG, F. S.; Sterling, Kansas.  
W. PAUL STORMONT, B. S.; Art Illustrator, Hutchinson, Kansas.  
E. CASSIE WIGGINS, N.; Teacher, Sterling, Kansas.

## 1899.

DAVID CALVIN MATHEWS, A. B.; Student Theology, Alleghny, Pa.  
WILLIAM HENRY MEYER, B. S.; Lumber Office, Enid, Okla.  
HERBERT BRATTON McMILLAN, A. B.; Minister, LaSalle, Colorado.  
EVA JOSEPHINE SPENCER, B. S.; Teacher, Sterling, Kansas.  
SARAH SQUIRE, B. S.; Student State University.  
J. FLOYD THOMSON, B. S.; Manager Lumber Yard, Belle Plaine, Kan.  
LEWIS ALFRED KERR, A. B.; Minister, Americus, Kansas.

## 1900.

IZORA BALDWIN, N.; Teacher, Sterling, Kansas.  
MARION TRUEHEART, B. S.; Medical Student, University of Kansas.  
BERT X. TUCKER, B. S.; (A. B. Uni. of Kan.) Prof. of Science,  
Kirkwood, Missouri.  
MAY B. VANNEST, N.; Teacher, Alden, Kansas.

## 1901.

JOHN MARVIN BOND, Postoffice Assistant, Sterling, Kansas.  
MARY LORENA BROWN, B. L.; Sterling, Kansas.  
ROSS WALLACE GRAHAM, B. S.; Student Horological Institute,  
Peoria, Illinois.  
JOHN REYNOLDS MCCOY, A. B.; Student Theology, Xenia, Ohio.  
EDNA ROSALIA SPENCER, B. S.; Student King's School of Oratory,  
Pittsburg, Penn.  
GARFIELD WILSON WEEDE, B. S.; Student Civil Engineering, Uni-  
versity of Penn.

**Summary 1901-02.**

I. College Department.	
Seniors.....	10
Juniors.....	8
Sophomores .....	8
Freshmen.....	19—45
II. Preparatory Department.	
Senior (Third Year).....	12
Middle (Second Year).....	37
Junior (First Year).....	23—72
Total in Literary Departments.....	117
III. Normal Department	
Fourth Year.....	3
Third Year.....	4
Second Year.....	11
First Year.....	12—30
IV. Commercial Department.....	21
V. Art Department.....	40
VI. Music Department	
Piano.....	46
Vocal.....	40
Pipe Organ.....	4
Elocution.....	2—92
Total in all Departments.....	300
Less names repeated.....	88
Total number students.....	212
Net total for 1900-01.....	190
Increase.....	22
VII. Alumni .....	42

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1902/03

# COOPER COLLEGE

Sterling, Kansas.

1902  
1903



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UNIVERSITY OF ILLINOIS

THE COOPER QUARTERLY

Entered at Sterling, Kansas Postoffice as second-class matter.

Vol. 7

No. 26



**SIXTEENTH**  
**Annual Catalogue**

... OF ...

**COOPER COLLEGE**

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Collegiate Department

Preparatory Department

Normal Department

Commercial Department

School of Elocution

School of Art

School of Music

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**1902-1903.**

**STERLING, KANSAS**

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## Calendar 1903-1904.

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1903.

June 7, 3:30 p. m.....	Sermon before Prayer Guild
June 7, 8 p. m.....	Baccalaureate Sermon by the President
June 8, 8:15 p. m.....	Chrestomatheon Annual
June 9, 8:15 p. m.....	Theomoron Annual
June 10, 10 a. m.....	Annual Meeting of Senate
June 10, 5 p. m.....	Alumni Banquet
June 10, 8:15 p. m.....	Address by Rev. J. H. Gibson, Pittsburg, Kansas
June 11, 2 p. m.....	Inter-Society Athletic Contest
June 11, 8:15 p. m.....	Commencement

### FIRST SEMESTER.

September 1.....	First Term Begins
November 6.....	First Term Ends
November 9.....	Second Term Begins
November 26-27.....	Thanksgiving Recess
December 11.....	Inter-Society Contest
December 24.....	Holiday Vacation Begins
January 4.....	Holiday Vacation Ends
January 22 .....	Second Term Ends

1904.

### SECOND SEMESTER.

January 25.....	First Term Begins
February 7 .....	Day of Prayer for Colleges
March 12.....	Annual Debate with Friends University
April 2 .....	First Term Ends
April 5.....	Second Term Begins
May 6.....	Oratorical Contest
June 10 .....	Second Term Ends



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1902-03

### College Senate.

The corporate powers of Cooper College are vested in a Senate which consists of Trustees and Directors convened in joint session and for certain purposes in the Trustees alone. The Trustees, resident in Sterling, are elected annually, the Directors, biennially, by the Synod of Kansas. The Trustees meet in monthly session on the first Tuesday of each month, and the full Senate in annual session on the Wednesday preceeding commencement.

#### TRUSTEES.

J. Hanna, President.	T. H. Brown.
J. W. Duff, Secretary.	E. H. Lees,
A. H. Stormont.	H. Irish.
W.B.Graham.	Treas.Current Funds,Talmon Bell

#### DIRECTORS.

Rev. S. M. Hood, President .....	Nortonville, Kansas
Rev. J. W. Long, D. D.....	Springfield, Missouri
Rev. James White, D. D.....	Arkansas City, Kansas
Rev. C. H. Strong, D. D.....	Sterling, Kansas
Rev. J. T. Wilson.....	Sterling, Kansas
Rev. J. S. Turnbull.....	Peotone, Kansas
Rev. J. C. Gibney.....	Sunnydale, Kansas
Rev. J. H. Gibson.....	Pittsburg, Kansas
Rev. F. W. Wilson.....	Americus, Kansas
Rev. J. M. McArthur.....	LaCrosse, Kansas
J. C. Johnston.....	Sterling, Kansas
A. B. Gilchrist.....	Walton, Kansas
James G. Berry .....	Sterling, Kansas
I. L. McCracken .....	Sterling, Kansas
Rev. H. B. Turner, Financial Agent.....	Sterling, Kansas
S. A. Wilson, Sec. and Treas. of Endowment.....	Sterling, Kansas

#### LADIES' ADVISORY BOARD.

Mrs. A. R. Clark, President.	Mrs. A. Taggart.
Miss Anna Kern, Secretary.	Mrs. P. P. Trueheart.
Mrs. T. H. Brown.	Mrs. E. E. Lynch.
Mrs. C. H. Strong.	Mrs. J. E. Junkin.
Mrs. F. M. Spencer.	Mrs. J. Hanna.

## Faculty and Instructors.

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REV. F. M. SPENCER, D. D., President and Professor of Mental and Moral Science.

REV. C. H. STRONG, D. D., Instructor in Bible Study.

S. A. WILSON, A. M., Professor of Ancient Languages.

J. G. THOMPSON, A. M., Professor of Mathematics and Astronomy.

MISS ANNA KERN, Lady Principal and Professor of Modern Languages.

TALMON BELL, A. B., Professor of History and Economics.

MISS ALICE BROWN, Instructor in Art.

OTTO W. NEWBY, A. B., Principal of Normal Department, and Professor of Pedagogy.

MISS EDNA SPENCER, B. S., Instructor in Elocution and Physical Culture.

J. B. COVALT, Instructor in Commercial Department.

J. R. BEECHING, Instructor in Penmanship.

MRS. C. A. RAILEY, Instructor in Spanish.

JOHN P. GRANT, Musical Director (resigned.)

J. W. FOSTER, Tutor.

HARRY HILL, Tutor.

WM. L. HANLON, Tutor.

WM. CALDWELL, Tutor.

MISS SARA MCCRORY, Tutor.

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Officers of Faculty—President, F. M. SPENCER; Registrar and Recorder, TALMON BELL; Secretary, MISS ANNA KERN.

Committee on Athletics—F. M. Spencer and Otto Newby.

Committee on Courses of Study—S. A. Wilson, Talmon Bell.

### Historical Statement.

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Cooper College was founded in 1887. The Sterling Land and Investment Company agreed to erect a building costing \$25,000 on condition that the Synod of Kansas would provide an endowment of \$25,000 and operate the college. This endowment was to be raised within five years. Both parties fulfilled the conditions of the agreement, and the college became an established fact.

The aim of the investment company was to add to the attractions of Sterling, and, by bringing a good class of citizens, improve the town. This has been accomplished to a very considerable extent. A large number of substantial families have come to Sterling on account of the college. They have helped to beautify the homes and to increase the business of the town.

The aim of the Synod was to establish an institution of learning within the bounds of the Synod, where young people could receive Christian education. Primarily, this was for the young people of the United Presbyterian church. In a broader sense, however, the college was established for all the young people who might apply for the privileges of the institution. All are made welcome. The college is not sectarian. There is no difference made on account of religious faith. All stand upon an equality. Because Cooper is a Christian institution, the Bible has an honored place in the course of study. True science is in perfect harmony with Revelation and it is so taught. The spirit of the institution and the aim of those who have charge of it, is to develop by means of such instruction, the highest type of manhood and womanhood. We can point with pride to the young men and women who have received their education in Cooper College.

Cooper College is favorably situated. Sterling is a typical college town. She has a wide-awake population of 2100 people. Her streets are broad and clean. Several miles of new brick walks have been laid recently. Her numerous beautiful residences, comfortable churches, and well arranged business houses are a credit to her citizens. Shade and fruit trees are so numerous as to make her worthy of the name «Forest City.»

Sterling is a moral city. There are no saloons. The State prohibitory law is so well enforced that joints are not tolerated. On this account, Sterling is a good college town.

Sterling is not far from the center of Kansas, and is in the heart of the wheat belt. Wheat, corn, broomcorn, sorghum, kafir corn and alfalfa are staple crops. Central Kansas is developing rapidly, and is becoming more and more desirable for agricultural purposes.

Health conditions are favorable. The altitude of Sterling is about 1700 feet above sea level. The air is dry but not too rare. There is much sunshine. During the winter months there is little rainfall. Lung trouble is almost unknown in this locality. Few cases of pneumonia prove fatal. There is practically no malaria. Many persons who cannot live in eastern States might enjoy good health here. This has been tried and proven by many Sterling people. A number of students have come to Cooper on this account. If conditions were fully understood, a great many more would come.

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### Material Equipment.

**Buildings.**—The college building is of Strong City limestone, and is one hundred and twenty feet by fifty, three stories high. It is finished in good style, has large single windows, a chapel to seat over three hundred, besides eleven other large and eight smaller rooms. These are well adapted for class rooms and other purposes.

A steam heat plant costing \$2400 has been put in during the year. This plant was put in by Mr. John Holmberg, of Lindsborg, representing the Crane Company, Kansas City. It is large enough to heat every part of the building in the coldest weather, and does its work easily. The company through Mr. J. Hanna donated \$50, and the Sherwin Williams Paint Company donated the aluminum for painting through Mr. J. W. Duff. The students helped to unload the car, thus saving \$20 to the college. The weight of the material was 41,000 pounds. This improvement adds much to the comfort and cleanliness of college rooms and halls.





WILSON HALL AND DORMITORY

Wilson Hall is one block south of the campus. The Music Department and Ladies' Dormitory are located here. It contains reception rooms, double parlor, a large dining room, bath room, and rooms for boarders. It is heated by furnace, lighted with gas, and furnished for comfort and elegance. Rev J. T. Wilson is in charge.

The Art Studio is on Seventh Street. It has roof light and is furnished with china kiln, models, etc.

**The Campus** consists of ten acres set with a variety of trees. It contains the college, McCracken Athletic Field, and tennis grounds. It is about three-fourths of a mile from the center of town.

**Laboratories and Instruments.**—The Chemical Laboratory is in the first story and has a granitoid floor. It is furnished with city water, tables and desks for individual use in experimenting. Cases and shelves are fitted up with a complete line of reagents, glassware crucibles, electrolytic apparatus, blowpipes, thermometers, balances, etc, sufficient for thorough elementary and analytic courses.



Large new cases with glass doors have been put in the physical laboratory this year. Also new apparatus has been purchased, and made.

The apparatus includes Holtz electric machine and X-ray outfit, a J. B. Colt Stereopticon, Induction coils, motor, Galvanoscope, etc. Much simple apparatus is made by the Normal Classes.

The Biological Laboratory is supplied with a full set of reagents for the usual course. The college owns a high power Bausch & Lomb compound microscope with double eye and nose pieces, also other microscopes.

The Astronomical Department owns a refracting telescope, focal length four feet, objective four inches, with two eyes, one magnifying 225 diameters. It is equatorially mounted on a tripod with alt-azimuth circles.

The college has a surveyor's compass, Gunter's chain and other equipment for field work.

**The Museum.**—The Zoological specimens include a Smithsonian collection illustrating marine invertebrate life, birds eggs and a considerable collection of stuffed specimens of birds and mammals. The Mineralogical and Lithological collection contains an assortment of minerals from various parts of the United States. Colorado and Kansas are well represented. All sections of our State are represented. The Geological portion embraces a collection of fossil plants and animals belonging to each geologic age, and a very valuable collection of rocks and fossils from Egypt and the Holy Land. Through the efforts of students and other friends the collections illustrative of the work in Zoology, Geology and Botany are being constantly increased. It is the aim to make the Museum not merely a collection of curiosities, but an important factor in advancing the scientific work of the students.

**Library and Reading Room.**—A large room is provided with cases of books and with reading tables and magazine shelves. These are open to the free daily use of all students. Among the books is a good list in United States History and over one hundred volumes in Pedagogy. On the reading table are placed a number of current magazines and newspapers. A librarian is in charge.

### **College Organizations.**

**The Y. M. C. A. and Y. W. C. A.**—These two societies form the student organizations for Christian work. Mr. Reed Turner is president of the former, and Miss Iva McMillan of the latter. Prayermeetings are held each week.

**The Chrestomatheon and Theomoron Literary Societies** are the student organizations for literary work. The Chresto society was organized in 1888; the Theo in 1894. Each has a fine hall, beautifully finished and furnished. The members take pride in providing the best of equipment. Each society owns an excellent upright piano and music is a feature of each week's program. Medals are presented the members of the graduating class by their respective societies. These societies afford superior opportunities for literary training.

**The Athletic Association** is organized under a Board of Control consisting of two members of the faculty, and two elected by the students. The «Topeka Rules» control the athletic contests of the college. Football, baseball and basket ball teams are thoroughly organized and trained. From five to ten inter-collegiate games in each were played the past year. A Field Day is held near the close of the year. The athletic field is enclosed, and the students have the best of facilities for contest and team work. Tennis clubs provide this delightful exercise to those who enjoy it.

**The Alumni Association** meets each year during commencement week. At the last commencement season, a banquet was an enjoyable feature of the close of the academic year. The Alumni have been active in forwarding the interests of the college.

**The Cooper Courier** is distinctively the student paper, It is published monthly, and this year completes its twelfth volume. The editors are chosen annually by the students. The Courier has uniformly maintained a reputation of a high standard.

**The Cooper Quarterly** is published by the faculty as a bulletin of information of the departments, courses, lectures, changes, quarterly notes, etc. It is sent free on request.

**Lectures.**—A regular popular course of lectures is secured each

year in Sterling. Schubert Quartet, Hon. W. J. Bryan, Dr. Byron W. King and Rev. C. M. Sheldon were on this course the past year. A number of special lectures were also given before the student body by leading educators of central Kansas towns.

**The Inter-Society Contest.**—The Sixth Annual Contest occurred December 12, 1902. The Chrestomatheon Society was represented by Messrs. Aubrey Bradshaw and Harry Hill, debaters; Miss Ethel Stahl, orator; Mr. Benj. M. Dobbin, essayist, and Miss Grace Giffin, declaimer.

The Theomorons were represented by Messrs. David Oyler and Ralph Williams, debaters; Mr. Wm. Irvine, orator; Miss Idella Greenlee, essayist, and Miss Edith Hays, declaimer.

The Chrestos gained ten points and the Theos two points.

**The Inter-Collegiate Debate** held annually between Cooper College and Friends University of Wichita occurred in Wichita March 13th. The question for debate was: «Resolved, That labor organizations are detrimental to the public welfare.» Friends affirmed, and Cooper's debaters, Messrs. Ed. Wells, Ralph Williams and Wm. Irvine, denied. The decision was for the affirmative. The two preceeding debates have been won by Cooper College. The debate will be held in Sterling next year on the second Friday of March.

**Other Contests.**—Two Declamatory contests were held this year. The first two with five dollar prizes; the second with a first prize of five, a second of three dollars, and a third of two dollars.

The winner in the boys' contest was Mr. Ralph McCarroll; in the girls, Miss Eula Spencer. In the second the winner of first was Miss Grace Giffin.

A Bible Reading Contest was held May 25th, with two prizes of \$5 each, and two prizes of \$3.

The instructor in elocution gave training in each of these contests. A similar and probably more extensive series will be offered next year.

### **General Information.**

**College Dues.**—Tuition for term of ten weeks \$7.50. Incidental fee per term \$1.00. Total fees per term \$8.50. These fees are due on the first day of each term. If not paid the first week the total fees per term will be \$9.00. If not paid during the term the total fees will be \$10 per term. The incidental fee must be paid before name is entered on class roll. All fees paid for less than one term will be at the rate of \$1.00 per week. Only in case of protracted sickness will fees be returned. For one subject half tuition will be required. For two subjects in literary and normal work full tuition will be required.

Special Fees for graduation in any course.....	\$5 00
Chemical Laboratory fee.....	4 00
Biological Laboratory fee.....	2 50
Physical Laboratory fee.....	1 50
Special Examination.....	1 00

For Music, Art and Commercial Departments fees, see elsewhere in this catalogue.

**Rooms and Boarding.**—Wilson Hall, one block south of the campus, offers to young ladies both rooms and board with every convenience (see Material Equipment).

The rates for furnished rooms and boarding is lower than in private families. Any young woman who wishes may engage rooms in Wilson Hall. Those wishing to take Music along with college work will find it specially to their advantage to do so.

Many of the students rent rooms and take their meals in clubs. Furnished rooms 50 cents for each person where two occupy a room.

Table board in clubs has been \$1.75 to \$2.25 per week. Board and lodging in private families from \$3.00 a week up. Houses for rent and rooms for self board at about \$2.00 per room per month.

It is the constant aim of the College to keep expenses down to the minimum consistent with good health, first class facilities, and best working power of students.

A careful estimate has been made of all necessary College expenses for one year of forty weeks to be for self board \$100, for club board \$150 and for private board \$200. To this personal expenses must be added.

**Self Help.**—Some opportunities for earning a part of college expenses by work occasionally may be had both for boys and for girls. Those wishing to secure such help should write early and definitely to the President.

**Scholarships** are offered to the highest in rank in counties and High Schools in a number of cases. These cover tuition but not the term or special fees.

**Indian and Negro Scholarships.**—A fund given by Mr. Wm. McCracken, of Sunnysdale, Kan., provides all tuition and fees and some other expenses of bright young people of these two races. Inquiry may be made of the President.

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## Regulations.

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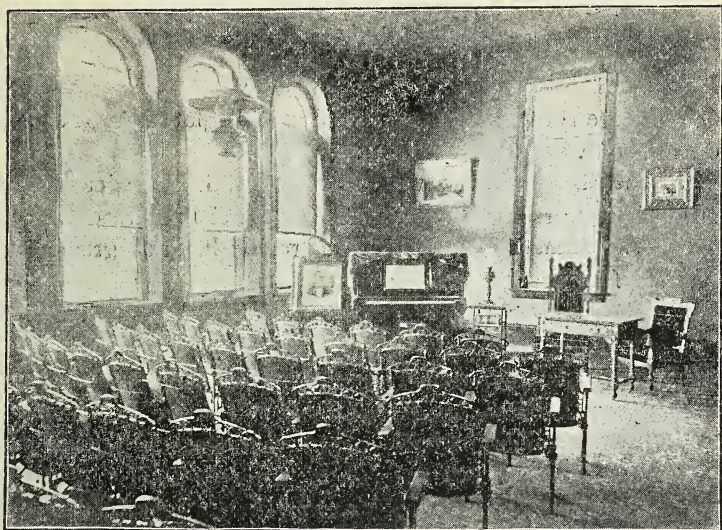
**Admission.**—Students are admitted to the first year of the Preparatory Department on registering and filling out the enrollment blank furnished them.

**For Advanced Standing,** the student is required to furnish evidence that he can carry the subjects called for, produce a certificate from a recognized High School or College, or to pass an examination on preceding subjects in the course.

**Registration.**—Each student is required to register at the beginning of each semester, giving such information concerning himself and the work desired, as the Faculty may request. No student is entitled to any credits until he has registered.

**Reports.**—At the close of each term a report of the student's attendance, class grades and examinations are sent to the parent or guardian.





*Chrestomatheon Literary Hall.*

**Absences.**—Students are required to make up the work of recitations from which they have been absent by written test or special recitation within a week of the date of absence.

**Number of Subjects.**—No student is permitted to take fewer than three or more than four daily subjects at one time except by the vote of the Faculty. Students may choose subjects not in the regular order of their courses only by permission.

**Public Exercises** in recitation, oration or essay may be assigned to students in regular college classes once each year.

**Examinations** are held upon the completion of a subject. In determining the final grade upon any subject the average recitation grade and the examination grade count each one-half. Other examinations may be held at such times as the professor in charge may determine. Should a student desire an examination at another time than that of a regular examination, or that appointed by the professor in charge, it may be obtained by the consent of the professor in charge and the payment of a fee of one dollar.

## Departments of Study.

### COURSES OF STUDY.

There are five general courses in the Collegiate work, numbered and named as follows:

I. **The Classical Course**, with degree of A. B. at graduation, requiring four years of study after completion of Preparatory work.

II. **The Scientific Course**, with degree of B. S. at graduation, requiring four years.

III. **The Literary Course**, with degree of B. L. at graduation, requiring three years of study.

IV. **The Academic Course**, for which a certificate is given at graduation, requiring two years of College work.

V. **The Medical Preparatory Course**, requiring two years' work. No degree is given in this course.

In all subjects except where special mention is made five hours per week are required.

### MENTAL AND MORAL SCIENCE.

I. **Psychology**.—Thirty weeks, one semester and a-half, are devoted to the study of this subject. Consciousness, presentation, thought and intuition are each in turn investigated. At every step the appeal is made to experience to corroborate the dictum of the text. Porter's Intellectual Science is the basis. Seniors, required in courses I, II, III, IV, V.

II. **History of Philosophy**.—The last half of the second semester is taken up with a study of Schwegler's text, supplemented by discussion and collateral reading. Seniors, Courses I, II, III.

III. **Logic**.—First semester—The design is to familiarize the student with all the more general forms of reasoning. Dr. Schuyler's text book is used. Seniors, Courses I, II, III, IV, V.

IV. **Ethics**.—Second semester, 20 weeks. Wayland's Moral Science is studied. A careful examination is made of the basis and rules for moral conduct. The Bible is presented as the rule of moral action, and its precepts are shown to be in accordance with human reason and human needs. Seniors, Courses I, II, III, IV, V.

### BIBLE STUDY.

Bible instruction is given to all the students for the entire year. During the present year the Collegiate students have studied the national history of the kingdoms of Israel and Judah, reciting once a week to Dr. C. H. Strong. Students have been required to take notes upon the topics studied.

The Preparatory students have been divided into sections and have studied the life of Christ as given in the book of Mark and the early history of the Christian church as told in the first half of the book of the Acts. It has been the purpose to secure the direct study of the Bible story and the memorizing of the Word of God.

### HISTORY AND POLITICAL ECONOMY.

I. **English History.**—The work of English History includes the thorough study of Green's Short History of the English people, the course requiring thirty weeks. Gardiner's Atlas of English History is used to give the students the necessary knowledge of the geography of the time and places studied. In addition to the study of the text book, students are required to use the library for the investigation of many subjects. The College library contains an excellent selection of historical works. Freshmen, Courses I, III; Juniors, Course II.

II. **Political Economy** is studied for twenty weeks, the second semester. A careful study is made of Walker's Advanced Course with discussion of the subjects therein treated. Special attention is given to the study of modern, social and economic problems. Juniors, Courses I, II, III.

### ANCIENT LANGUAGES—GREEK.

1. Xenophon's Anabasis, books II to IV; first semester. The essential points of inflection and syntax are thoroughly reviewed. Freshman, Course I.

2. Homer's Illiad, books I to IV; second semester. Freshman, Course I

3. Xenophon's Memorabilia, books, I, II and III, thirty weeks. Sophomore, Course I.

4. Greek Testament, ten weeks. Sophomore, Course I.
5. Demosthenes' De Corona, first semester. Junior, Course I.
6. Plato's Apology, first half second semester. Junior Course I.
7. Aeschylus', Prometheus Bound, last half second semester Junior, Course I.

In all the Greek courses it is the aim, after having secured a good foundation in the grammatical principles of the language, to so study the authors that there may be some appreciation of the thought and literary excellence.

### LATIN.

1. Cicero, select orations and essay on Friendship or Old Age; forty weeks. Freshman, Courses I, II, III; Junior IV.
2. Horace, selected odes and satires; first semester. Sophomore, Courses I and II; Junior Course III.
3. Tacitus' Germania and Agricola; second semester. Sophomore, Courses I and II; Junior, Course I.
4. Plautus, second semester. Junior, Course I.

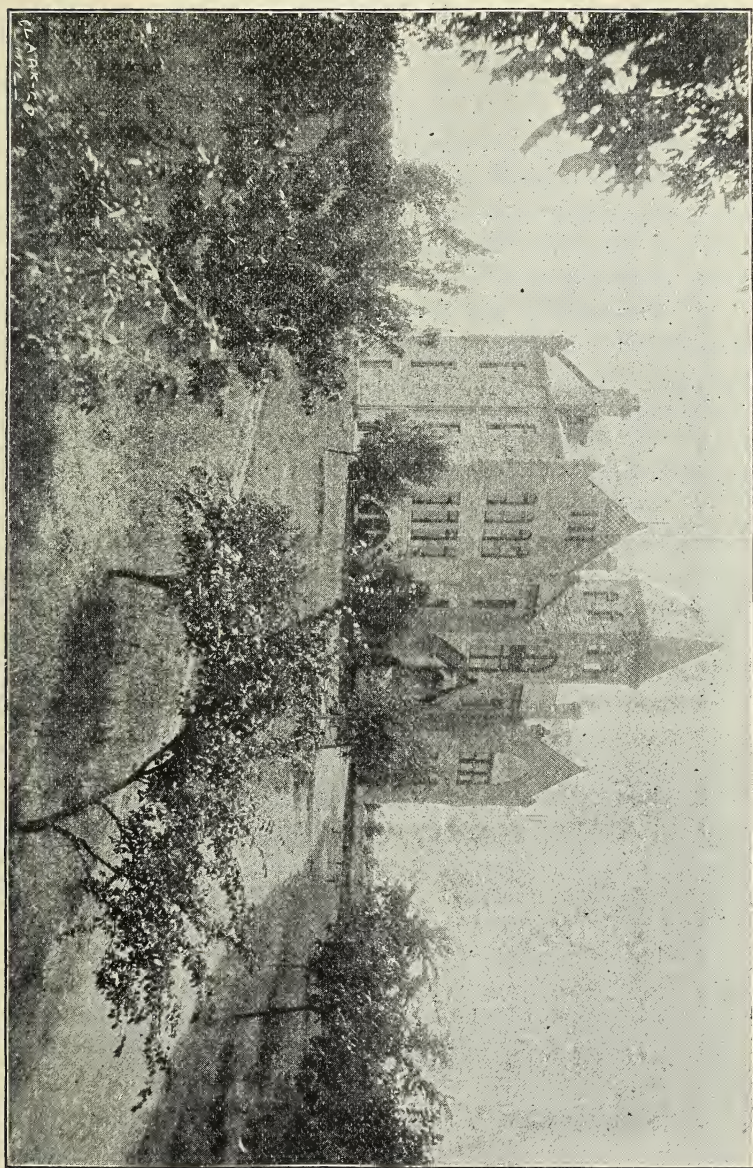
The Latin Courses are intended to give exercises in the study of the different styles of literature at the period of its highest development, and to show the indebtedness of the English language and life to the Latin.

### MODERN LANGUAGE—GERMAN.

1. Bernhardt and selections from German Classics; entire year. Among these are Schiller's Wilhelm Tell, Riehl's Burg Neideck, Lessing's Minna von Barnhelm, Meyer's Gustav Adolf's Page. Freshman, Courses II, III; Junior, V.
2. German Classics; entire year. Scheffel's Ekkehard, Goethe's Faust, Lessing's Nathan Der Weise and others. Sophomore, Scientific or Junior Literary; required in Course II; optional in Course III.

Conversation exercises and exercises in composition accompany all the work in German. Readings in Scientific German are also given in the course.





**MATHEMATICS.**

1. **Geometry.**—Plane and Spherical. One year is given to this subject. Phillips & Fisher's text is used; much original work is required and there are frequent written tests; required in Courses I, II, III for Freshmen, Courses IV and V for Juniors.

2. **Higher Algebra** including topics; Ratio, Proportion, Variations, Logarithms, Permutations, Series, Theory of Limits, Numbers and Equations. Wentworth's text; first semester. Sophomore, Courses I, II.

3. **Trigonometry and Surveying.** Plane and Spherical Trigonometry with development of formulae and with applications. Sufficient attention is given to surveying and leveling to render the student familiar with the ordinary operations and computations. Two hours per week are given to field work. Second semester. Sophomore, Courses I, II.

4. **Analytics.** In this subject the geometrical and algebraic methods of proof are united in a systematic study of the line, circle, parabola, ellipse and hyperbola. A short study of the higher plane curves is appended. First semester; Junior, Courses I, II.

5. **Calculus**—Differential and Integral. Second semester; Junior, Course II.

Each of these subjects is a requisite to the following one.

**ENGLISH LANGUAGE AND LITERATURE.**

1. **Milton's Paradise Lost** is studied the last half of second semester. Attention is given to the thought, the language, the historical and mythological references and to the memorizing of certain portions. Theses on assigned topics are also required. Courses I, III. Senior, Courses IV and V.

2. **Trench's Study of Words** is made the basis of one term's work. Each member of the class is expected to be on the alert to find new words or words of special import. Each year many words not in the text book are carefully studied. Last half first semester; Sophomore, Courses I, II; Junior, Course III.

3. **Science of Rhetoric.**—Hill's text. In order to prepare for effective speaking; the laws of the mind and the adaption of the



truth to the thinking mind so as to lead to action are carefully studied. Special attention is given to composition, preparation of outlines and discussion argumentatively of questions of debate. First semester, Sophomore, Courses I, II; Junior, Course III.

4. **English Literature.** One entire year is given to to this subject. Three lines of study are followed: First, text book with Shaw's work as the basis; second, several works of the best authors are read and carefully discussed in the class room; third, critiques on both English and American authors and their works are required from each member of the class. Some time is spent in the study of contemporary literature. Junior, Courses I, II, III, IV.

5. **Philology.** Lectures are given in which a general view of language is given, showing something of the relationship of the members of the various families of speech. A sketch is given of the history of the English language and of the causes which bring about change. Last half of second semester, Junior, Courses I, II, III, IV.

6. **Shakespeare** is studied for 10 weeks by the Seniors. A critical study of two plays. Collateral studies, and a number of passages committed to memory are required. Courses I, II, III IV, V.

### NATURAL SCIENCES.

1. **Biology.**—Two lines of work are followed, recitations and laboratory. The textual work is based on Sedgwick & Wilson's Biology, and the experimental on Pillsbury's Laboratory Guide. High power microscopes and glasses are used and the necessary chemical reagents supplied. First semester. Freshman, Course II; Junior, Course V.

2. **Botany.**—Gray's School and Field Book is used. After study of this text, the members of the class analyze and press plants and flowers. Each member is expected to analyze from sixty to one hundred native plants and preserve the pressed specimens in a blank book. Laboratory work is also required. Second semester. Freshman, Course II; Sophomore, Course I; Junior, Course V.

3. **Chemistry.**—Descriptive and Theoretical Chemistry are studied from Remsen's text. Half the time for twenty weeks is given to Laboratory practice, in which each student is expected to perform for himself at least one hundred experiments. All experimental work must be recorded in a note book, by description, diagram and chemical equation and formula. The Laboratory is well furnished. First semester. Junior, Courses I, II, V. Optional in Courses III, IV.

4. **Qualitative Analysis.**—For advanced students in Chemistry. Chemistry is a pre-requisite. Second semester. Junior, Course V. Optional, Course II.

5. **Physiology.**—An advanced course using Martin's Human Body as a text. Preparatory Physiology is a pre-requisite. Second semester. Sophomore, Course II; Junior, Course V.

6. **Physics.**—An advanced course using Olmsted's text. Laboratory experiments are also required. Preparatory Physics and the Advanced Mathematics are pre-requisite to this course. Additional work is given from "100 Problems in Mathematical Physics." Second semester. Junior, Course II.

7. **Astronomy.**—Newcomb's Astronomy is the text and Young's Urannography is used for observation work. Reference is had to other texts, to notes, charts, etc. Definite observation work is required. The college owns a good telescope and it is used in studying moon, planets, double stars, nebulae. Facility for extra study accorded. First semester. Senior, Courses I, II, III, IV, V.

7. **Zoology.**—Packard's Advanced Course is used as a text. Collateral reading is required, and a thesis upon some special topic. The Museum furnishes illustrative specimens. First semester. Seniors, Courses I, II, III, IV, V.

8. **Geology.**—Dana's text, revised edition is used. A thesis is required upon some special topic. Some study is given to Kansas Geology. Specimens illustrative of each age are at hand. Second semester. Seniors, Courses I, II, III, IV, V.

# CONSPECTUS OF THE COLLEGIATE COURSES.

COURSE.	FRESHMAN.		SOPHOMORE.			JUNIOR.		SENIOR.	
	1st Semester.	2d. Semester.	1st Semester.	2d Semester.		1st Semester.	2d Semester.	1st Semester.	2d Semester.
I. CLASSICAL A. B. Degree.	Geometry Cicero Anabasis English Hist.	Geometry Cicero Iliad English Hist 1 Milton 2	Higher Algebra Horace Memorabilia Science Rhet. 1 Trench 2	Trigonometry and Surveying Tactics Memorabilia 1 Greek Test 2 Botany		English Lit. Analytics De Corona Chemistry	American Lit. 1 Philology 2 Plautus Plato 1 Aeschylus 2 Polit. Economy	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics
II. SCIENTIFIC B. S. Degree.	Geometry Cicero German II Biology	Geometry Cicero German II Botany	Higher Algebra Horace German III Science Rhet. 1 Trench 2	Trigonometry and Surveying Tactics German III Physiology II		Analytics Chemistry English History English Lit.	Calculus or Qual. Analysis Physics II Polit. Economy American Lit. 1 Philology 2	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics
III. LITERARY. B. L. Degree.	Geometry Cicero German II English Hist.	Geometry Cicero German II English Hist. 1 Milton 2				Horace or German III English Lit. Science Rhet. 1 Trench 2 Elective	Tacitus or German III American Lit. 1 Philology 2 Polit. Economy Elective	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics
IV. ACADEMIC No Degree.						Geometry Cicero English Lit. Elective	Geometry Cicero American Lit. 1 Philology 2 Elective	Psychology Logic Zoology Astronomy	Psychology 1 Milton 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics
V. MEDICAL No Degree.						Geometry German II Botany Chemistry	Geometry German II Botany Qual. Analysis Philology II	Psychology Logic Zoology Astronomy	Psychology 1 Milton 2 Ev. Christianity 2 Shakespeare 2 Geology Ethics

The number 1 or 2 occurring after a subject means that it runs only the first or second term of that Semester.

### **Normal Department.**

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**The Normal Department** is designed to give a thorough preparation for teaching, and to meet the demands for competent and professionally trained teachers. Normal students receive the same careful attention, and enjoy the same privileges accorded students of the other departments. Stress is laid upon mastery of the common school branches, and upon thoroughness. Two courses of study have been carefully arranged.

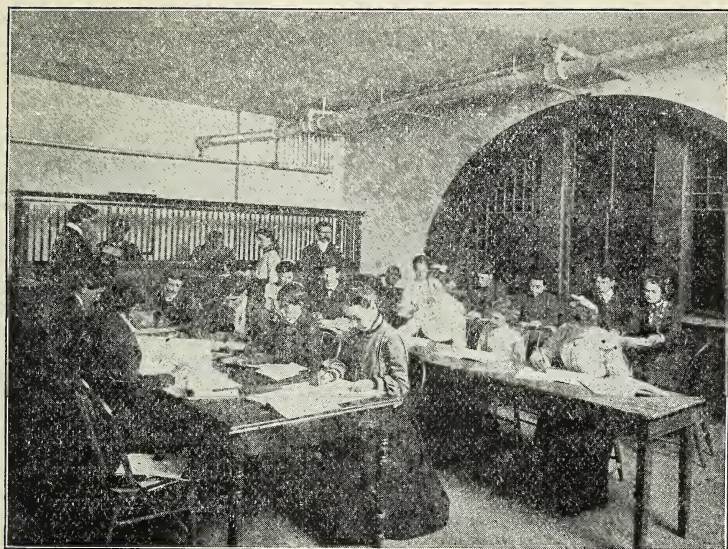
**The Normal Course** is approved by the State Board of Education and leads to the State Certificate. It provides careful instruction in both the Academic and professional subjects. The course covers a period of four years. In this course is brought together all that bears upon Pedagogy, from the History of Education, from Psychology, from the principles and art of teaching, and from a comparative study of systems of education. This knowledge is united into a body of pedagogical doctrine and its application to education and instruction pointed out.

**The Elementary Course for Teachers** is a two years' course arranged with reference to the special needs of the average teacher, or one preparing to teach in the public schools. It gives thorough training in the common school branches. The academic subjects that are most closely related to the teachers' work are also included, as are such professional subjects as School Management, School Law and Elementary Pedagogy. Bookkeeping, Physics and U. S. Constitution are thoroughly studied. Spelling and Parliamentary Law receive the attention demanded by the teacher's position. A certificate of graduation will be presented to those completing this course. Credit may be secured on the Normal Course by those who are graduates from the Elementary Course.

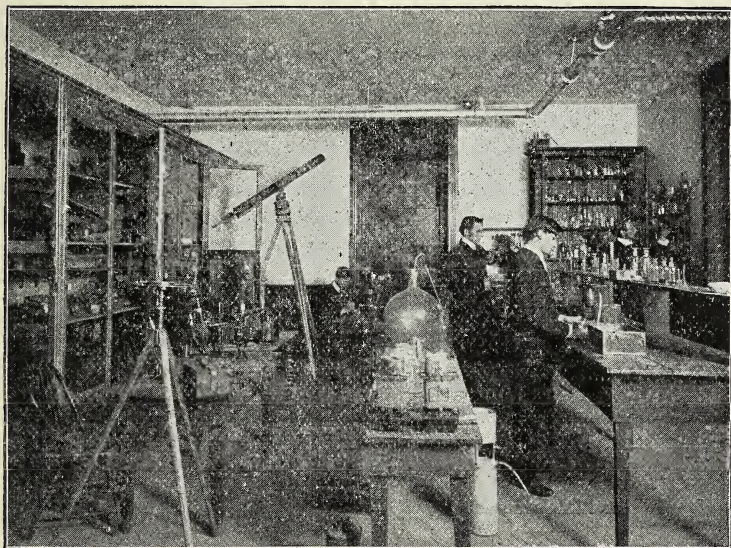
**To Meet the Needs of Teachers** and those preparing to teach, classes in the common branches are taught during the entire year. All can thus be accommodated, although unable to be in school more than one or two terms.

**Entrance Requirements** are as follows: Those holding second grade certificates are admitted to the Normal Course without ex-





*A Corner of Commercial Department.*



*Laboratory and Apparatus.*

aminations; others are required either to take entrance examinations, bring grades from accredited schools, or take the subjects regularly in class. Passing grades in this department must be 80 per centum.

**The Professional Subjects,** History of Education, Philosophy of Education, School Law, School Management and Methods of Instruction are given special attention in the Normal Course. Beside these subjects courses in Elementary Pedagogy, Kindergarten and Child Study contribute to the students' professional training. Each student of this department during his third or fourth year is required to devote at least 20 weeks to practice teaching and criticism under the direct supervision of the regular professors or instructors.

**Teachers' Reading Courses** have been outlined and each Normal student is expected to follow at least three of these each year of his course. These readings cover many valuable and practical lines of pedagogical thought of the best authors. Thirty courses are now ready for use.

**State Certificates.**—Under the law of 1893 graduates from the Normal Course receive a three years' certificate to teach in any of the schools of the State. This certificate becomes a life certificate, if the holder teaches two out of the three years to which his certificate entitles him. The State Board of Education requires an examination in the five professional branches only. This is an opportunity that prospective teachers should not overlook.

The law of 1899 further proved that graduates of the A. B. or B. S. Courses, by electing the professional subjects during the regular course, and doing practice teaching may also secure the State Certificate.

**Pedagogical Seminary: Semi-monthly Meetings.**—The students of the Normal Department, together with such students of other departments as desire the advantages offered, meet with the professor of pedagogy for one hour on two Friday afternoons each month. Papers and discussions on topics of vital interest to teachers are given by members. Special subjects are now and then given by some of the regular professors of the college, and other prominent



local educators. The seminary work is a valuable feature of our Normal Department. The State Teachers' Reading Circle Course was studied during the past year.

### TEACHERS' PROFESSIONAL SUBJECTS.

**Psychology** 20 weeks; thorough advanced course based on Porter's Elements of Intellectual Science.

**Philosophy of Education**, 20 weeks; based on Rosenkranz's text, a careful study of the principles underlying science and art of teaching; the nature, form and limits of education; the principles governing physical, intellectual and moral education and their practical application to the various stages of the child's development. Psychology is pre-requisite.

**History of Education**, 20 weeks; texts used, Painter and Boone; library readings required; survey of educational systems of both ancient and modern nations; typical movements in education; the great educators; development, purposes and ideals of different systems, and their realization in school organization and methods; the educational history of the United States; modern tendencies.

**Child Study or Paidology**, 10 weeks; lectures and a study of the literature of the subject; what is known about the normal child, physically, intellectually and morally. The care and handling of abnormal children; actual study of children encouraged—methods explained; thesis required of student.

**School Law or Educational Civics**, 10 weeks; the provisions of Kansas laws relating to school maintenance, supervision, organization and administration. Comparison with laws of other States; National aid; special State and city systems; library readings.

**School Management**, 10 weeks, the problems of public schools, organization, program, grading, promotions, examinations, class management, discipline, incentives, employments, co-operation, qualifications and duties of teachers, school boards and duties buildings and their equipment, school hygiene, moral training loose and close supervision. Library readings.

**Kindergarten**, 10 weeks; careful study of life of Froebel, his theories and the work, purpose, ideals, materials and methods of the modern kindergarten. Its place in our educational system

The abuses to which it is susceptible.

**General Method**, 10 weeks; library readings; theory of recitation; the formal steps in instruction, preparation, (analysis), presentation (synthesis), comparison (association, abstraction), generalization (system, definition), application; the laws of instruction, induction, apperception, aim, self-activity, absorption and reflection, motor activity, interest, correlation. How to correlate the arts of study, learning and teaching.

**Elementary Pedagogy**, 10 weeks; an outline of the powers and activities of the mind; the underlying principles and methods of teaching; study of the most approved methods of instruction in the common branches. Given as preparatory to teachers' examinations in Theory and Practice.

**Teaching and Criticism**, 20 weeks; actual practice in class instruction and observation, under criticism of the teacher of the department in which work is done. Required of all State Certificate graduates.

### TEACHERS' COMMON BRANCHES.

The common branches are so divided that each ten weeks' work will be given as a separate course, being reviewed, and the class examination giving final credit in the part taken. Even ten weeks' work in college may thus be worth while, as definite credits can be secured. This is a great improvement over past conditions. Modern texts are used.

**Arithmetic** is given in three courses of ten weeks each—the last being an advanced course for teachers.

**English Grammar**.—Three courses—the first in etymology, the second covering syntax, prosody and analysis, and the third is a course in structural Grammar.

**Kansas History**.—Ten weeks' course.

**U. S. History**.—Two courses—Colonial and Revolutionary periods, and the administrative period.

**U. S. Constitution**.—One course of twenty weeks.

**Political Geography**.—One course on Geography of the United States and her possessions, and foreign countries. Descriptive, Political and Commercial.

**Physical Geography.**—One course covering earth, atmosphere, ocean, lands, plains and plateaus, mountains, rivers and valleys, deserts and glaciers, shore lines, plant and animal life.

**Physiology I.**—Two courses, 20 weeks, Blaisdell's text; the first including chapters 1 to 7; the second, chapters 8-15.

**Physiology II.**—Advanced courses, 20 weeks, Martin's Human Body with references to Kirkes, Gray and Dalton. First term chapters 1-22; second, chapters 23-39.

**Penmanship.**—10 weeks.

**Parliamentary Law.**—10 weeks, Robert's Rules of Order.

**Reading.**—10 weeks, a teachers' course.

**Orthography.**—Three courses, each 10 weeks.

A. Irish's text. Letters and their values; rules for spelling, and accent; derivation.

B. Reed's Word Lessons. Actual spelling and defining of words.

**Bookkeeping.**—10 weeks. Principles, use of day book, journal, ledger, cash book, and retail and wholesale accounts.

**Physics.**—Three courses, each 10 weeks; Gage and laboratory tests.

1st Term—Chapters 1-3, motion, force, dynamics.

2d Term—Chapters 4-6, heat, sound, light.

3d Term—Chapters 7-8, magnetism, electricity, radiant energy.

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The Central Normal College did not open for work this year, and the Board of Trustees of that institution took the following action: «We would advise our students who intended to return this fall to go to the nearest accredited school, and we have made arrangements with Cooper College, Sterling, Kansas, whereby all grades obtained at the Central Normal College will be accepted and the work continued along the same line.» Pursuant to this advice, quite a large number of former C. N. C. students have taken work in Cooper and many others are expected next year.

# CONSPICUOUS OF THE TEACHERS' COURSES.

COURSE.	FIRST YEAR.		SECOND YEAR.		THIRD YEAR.		FOURTH YEAR.	
	1st Semester	2d Semester.	1st Semester.	2d Semester.	1st Semester.	2d Semester.	1st Semester.	2d Semester.
NORMAL.  (State Certificate Course-Approved by State Board of Education.)	Arithmetic English Grammar U. S. History Polit. Geography 1 U. S. Constitution Kansas History 2	Arithmetic Physiology I Penmanship 1 Physical Geog. 1 Parliament. Law 1 Elemt. Pedagogy 2 Orthography 2 Reading 2	Algebra Latin Grammar Composition and Rhetoric Physics I Bookkeeping 1 Spelling B 2	Algebra Genl. History Botany Physics I Latin Gram. 1 Caesar 2	Geometry Zoology Astronomy English Lit. Caesar	Trigonometry and Surveying Geology Polit. Economy Music Virgil	Psychology Chemistry History of Education School Management 1 School Law 2 Teaching and Criticism	Physiology II Drawing Philosophy of Education Kindergarten or Child Study 2 Methods 1 Teaching and Criticism
ELEMENTARY.  (Prepares for Public School Work).	Arithmetic Eng. Grammar U. S. History Polit. Geography 1 U. S. Constitution Kansas History 2	Arithmetic Physiology 1 Penmanship 1 Physical Geog. 1 Parliament. Law 1 Elemt. Pedagogy 2 Orthography 2 Reading 2	Algebra Composition and Rhetoric Physics I School Mangt. 1 Bookkeeping 1 School Law 2 Spelling B 2	Algebra Genl. History Botany Physics I Methods 1 Literature 2				

*Note*—The number 1 or 2 occurring after any subject means that it runs only the first or second term of that Semester.  
The Roman numeral I or II means the first or second course.



## PREPARATORY DEPARTMENT.

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THE PREPARATORY DEPARTMENT, from the first, has had a justifiable existence, in view of the scarcity of secondary school privileges of many of our students. The advantages offered are twofold: A preparation for a collegiate course, and thorough training in academic branches.

THE INSTRUCTION is given by the professors in charge of the regular college classes—affording a marked advantage to under-class students. The privileges of the Preparatory students are the same as those of the college.

FOR ADMISSION to this department the elementary knowledge of English Grammar, Arithmetic, United States History and Geography is required. For advanced standing the applicant must show ability to enter the studies proposed. Certificates from public schools or high schools may be received as credits on approval.

GRADUATION FROM THE PREPARATORY DEPARTMENT will hereafter be a permanent feature of our under-class work. The course provided is a unit and should be taken up in order. To mark the completion of this work, graduating exercises will be held during the commencement season, the conditions for graduation being the same as the requirements for admission to the Freshman Class of the corresponding college course.

THE COURSE OF STUDY maintains two years of work above the common branches. The same preparatory work is required for the admission to all the collegiate courses with the single exception that Classical students take the beginning year in Greek instead of German.

The subjects of the Preparatory Course include:

MATHEMATICS.—ALGEBRA is studied all of the Junior Year. This ground work is sought to be well laid. Original work in problems, note book and written test are made frequent use of in this subject. Wentworth is the basis of the study.

SCIENCE.—Physiology—(Blaisdell's text) is taught the last semester of the Junior Year.



PHYSICS.—(Gage's Elements) with weekly laboratory work is given during the Senior Year.

ENGLISH.—COMPOSITION AND RHETORIC occupies the first semester of the Senior Year. Original work is required in outlining and and writing essays, etc. Hart is the basis of study.

CIVICS AND HISTORY.—One half year is devoted to each—Political Science and General History. In the former, Andrew's text is used and library work required of each pupil. In the latter Meyer's General History is studied one-half of the Senior year.

LATIN.—Three terms are given to the Grammar and Reader, three to Caesar and two to Virgil. The Roman system of pronunciation is used. In the first year's work, special effort is made to show the indebtedness of English Grammar and vocabulary to the Latin for explanation of forms and derivations.

GERMAN.—The beginning year's work in German is taken by all but classical students.

GREEK.—Three terms are devoted to the Grammar and one term to Anabasis in the Senior Year by classical students.

PARLIAMENTARY LAW is studied ten weeks of the Junior Year.

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### CONSPECTUS OF PREPARATORY COURSE.

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JUNIOR.		SENIOR.	
1st Semester	2d Semester	1st Semester	2d Semester
Algebra	Algebra	Physics I	Physics I
Latin Gram.	Latin Gram. 1	Caesar	Virgil
U. S. Constitution	Caesar 2	Composition and Rhetoric	Gen. History
	Physiology I	German 1 or	German I or
	Parl. Law 1	Greek Gram.	Greek Gram. 1
			Anabasis 2

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The number 1 or 2 occurring after a subject means that it runs only the first or second term of the semester.

The Roman numeral I means the first course in a subject, II the second course, etc.

### **Commercial Department.**

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Business is rapidly becoming a science. The best thought of the shrewdest men of the times is devoted to business. Every discovery and invention that will save labor and time is hailed with delight, and at once becomes a part of the great machinery of business.

To keep step with the «march of progress» in the business world, we have adopted methods which have proven themselves to be the best. This department offers two distinct courses—Commercial and Shorthand.

**The Commercial Course** includes Bookkeeping, Business Practice, Commercial Arithmetic, Commercial Law, Grammar and Correspondence, Orthography and Penmanship. The time required to complete this course depends upon the ability and application of the student. By our system a student can become a proficient accountant in less time than by any other method.

**In Bookkeeping** the Budget System is used. This is not a mechanical method. Theory and Practice are treated as one and the same thing, for correct practice necessitates correct theory. The student is compelled to apply the principles of accounts to every transaction. He does not make an entry because at some previous time he made a similar entry for a similar transaction. He must think and reason in disposing of each transaction. The work is almost wholly individual. Each student does his work independently of other students and makes such progress as his ability and application merit. The course includes single and double entry, retail and wholesale work, commission, joint stock and banking sets. Those who have studied Bookkeeping before entering are allowed to take advanced work.

**Commercial Arithmetic.** The work in Commercial Arithmetic is confined to a thorough mastery of those principles and operations used in business. The aim is to secure accuracy and rapidity in addition, subtraction, multiplication and division. These simple processes mean much to a business man, yet there are comparatively few who can perform them well. Much attention

is given to short methods and rapid calculations.

**Commercial Law.** The course in Commercial Law includes the laws governing all the usual business transactions, a knowledge of which is essential to the proper conduct of any line of business.

**Grammar and Commercial Correspondence.**—The aim is to give the student the essentials of Grammar. This is necessary to everyone who would win the respect of the business world, and is especially so to everyone who does commercial correspondence or pretends to be a competent stenographer or typewriter. The subjects necessary to enable the student to write a business letter, correct as to grammar, style, punctuation, etc., are insisted upon and carefully taught.

**Orthography.**—Much attention is given to this subject. We aid our students to become proficient in spelling. Careful drill is given. The words used in every day business transactions receive special attention.

**Business Penmanship.**—The purpose is to assist the student in acquiring a good business handwriting, such as will be found the most advantageous for practical life. We teach the muscular movement as a basis on which a good, free and easy handwriting depends. This is developed mainly by judicious practicing of movement exercises, and these, as given by us, form an important factor in this line of work. Special attention is also given to the best forms of letters.

### SHORTHAND COURSE.

This course includes Shorthand, Typewriting, Grammar and Correspondence and Orthography.

**Shorthand.**—There never was a time when there was such a demand for Stenographers; calls are being made by business men every day for persons who can do their office work, and the person who fits himself for this work has no trouble in finding a paying position.

The Pernin system has been adopted here, because of its superiority over other systems now in use.

The principles of the Pernin can be learned by the average stu-

dent in from eight to twelve weeks, and after ten weeks of dictation, the student is able to do any kind of office work. Court reporting requires longer time.

The entire principles of Pernin Shorthand are given in ten graded lessons which are subdivided for more easy acquisition and to enable the learner to become thoroughly grounded in one principle before passing to the next. Students should attain a high degree of rapidity, and to do this it is very important that a thorough mastery of the principles be had before speed practice begins.

To graduate, the student is required to write 125 words per minute on strange matter. We would like for pupils to stay with us until they can write 150 to 175 words per minute. This can be done in from five to eight months.

Those who have stumbled along for months endeavoring to learn Phonography through the medium of some of the old, time-worn systems, only to finally give up in despair, in consequence of the numerous snags and pitfalls they have had to encounter, would appreciate the valuable features of Pernin Phonography in its great simplicity and legibility, and the absence of shading and position. It is a sort of Shorthand that can be read after it is written. Nothing depends on shading or position. As in the ordinary alphabet, so in the Pernin alphabet, a letter is recognized by its form, whether it is above the line, or on the line or below the line, or whether it is light or heavy. It is easy to write and can be read as easily as print.

**Typewriting.**—It is almost as essential for the student to know how to use a typewriter as the pen. Most correspondence by business firms is done with the typewriter, and for one to hold an office position of any kind he must know how to operate a typewriter. The standard makes of machines are in use here, and up-to-date methods of instruction are used in this department. We recommend the touch system, but the student may have his choice as to the system he uses.





*Theomoron Literary Hall.*

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### **Elocution Department.**

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MISS EDNA SPENCER, INSTRUCTOR.

This department has been well patronized. The instructor Miss Edna Spencer, is a graduate of Cooper, class of 1901. After graduating she spent a year in King's School of Oratory and graduated from that institution. During the year about one-fourth of her time has been given to outside work. About thirty entertainments have been given in Central Kansas, and her work has been well received. She has trained the contestants for five contests and has drilled students and others for public meetings. Never before in Cooper College has there been so much interest awakened in the art of speaking. It is expected that classes in Elocution and Physical Culture will be formed from time to time at a nominal rate. For private lessons 50 cents a lesson will be charged. Students can have the benefits derived from public recitals and from entering contests in which prizes are given.



### **Art Department.**

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The aim of this department is:

1st. To impart a thorough knowledge of the underlying principles of Art, as well as adaptation to decoration and design.

2d. To give to those who are looking forward to the profession of teaching a systematic training in Form Study and Drawing, which will tend to make them accurate in eye and hand and help them in expressing and impressing thought.

3d. The direct attention to the beautiful in nature and art, developing the aesthetic faculties and leading to the appreciation of the true, the beautiful and the good.

Of what practical value will the study of Art be to the student?

In an official publication issued by the United States Bureau of Education this testimony is given:

"Drawing is a universal language common to all people, essential to every form of manufacture, useful to every individual, always convenient, often indispensable. He who can draw readily and correctly can be taught any kind of manual industry much more readily. To be able to draw is to be more sure of earning a living now; before long, not to be able to draw will be as disgraceful as it now is not to be able to read and write. It will be an evidence of inferiority."

In this department the Normal Course comprises the elementary principles of construction, representation and decoration.

In the sketching classes which meet regularly for practical work, the following work is pursued:

1st. Drawing from objects.

2d. Sketching from nature.

3d. Charcoal drawing from life.

Throughout the year instruction is offered in oil, crayon, pastel, watercolors and china painting.

The studio, being furnished with a kiln, brings the beautiful art of china painting within the reach of all.

For information as to terms, etc., address ALICE M. BROWN.

## Music Department.

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Prof. J. P. Grant has resigned his position as musical director. The vacancy will be filled by the Senate.

**Piano.**—The most careful attention is given to the laying of a proper foundation in the playing of every pupil. While the standard classical composers are drawn upon for the greater part of the piano curriculum, the more modern romantic school is by no means neglected. Pianists of the present day should be versatile and many-sided in their artistic resources, and to this end, the piano course is planned from its most elementary stage, upwards.

**Voice.**—Instruction in this department includes everything that assists in the development of the vocal artist. The most admirable results are those which ensure the greatest durability of voice, together with sympathy, mellowness, elasticity and purity of tone. The principles are those used by the greatest singing masters of Europe.

**Concerts and Recitals.**—Concerts will be held frequently. Pupils in each of these departments, on satisfying the examiners of their proficiency, will be granted a graduating diploma on completing the course.

### Terms.

Piano, twenty lessons.....	\$10.00
Vocal, twenty lessons.....	\$15.00

## Roll of Students, 1902-3

### Post Graduates

McCrary, Sara Lavinia, B. S., Cooper '02.....	Sterling
Tharp, Stafford Charles, B. S., Cooper, '02.....	Sterling

The Course is indicated thus: cl, Classical; sc, Scientific; lit, Literary; a, Academic.

### Seniors.

Bond, John Marvin, <i>sc</i> .....	Sterling
Hanlon, William Leslie, <i>sc</i> .....	Sterling
McMillan, Iva A., <i>a</i> .....	LaSalle, Colo
Turner, J. Clark, <i>cl</i> .....	Sterling

### Juniors.

Carson, Mabel E., <i>lit</i> .....	Sterling
Dobbin, Benj. Miller, <i>cl</i> .....	Viola
Lamberson, Ethel, <i>lit</i> .....	Lyons
Oyler, David Smith, <i>cl</i> .....	Lyndon
Ross, Harry R., <i>sc</i> .....	Sterling
Smith, Maud Ethel, <i>cl</i> .....	Sterling
Wells, Edgar, <i>sc</i> .....	Sterling

### Sophomores.

Blades, Della N., <i>cl</i> .....	Sterling
Dougherty, Elizabeth Estelle, <i>sc</i> .....	Sterling
Irvine, William R., <i>cl</i> .....	Americus
McCarroll, Clara E., <i>sc</i> .....	Sterling
Mustard, Paul French, <i>cl</i> .....	Sterling
Nash, Clarence, <i>sc</i> .....	Furley

Newman, Ralph A., <i>sc</i> .....	Sterling
Seaward, Jessie, <i>sc</i> .....	Sterling
Seigle, Andrew Jackson, <i>cl</i> .....	McAlvey's Fort, Pa
Spencer, Wilda, <i>sc</i> .....	Sterling
Stahl, Ethel Keturah, <i>cl</i> .....	Sterling
Thompson, LeRoy, <i>cl</i> .....	Sterling
Tucker, Ralph, <i>sc</i> .....	Lyons
Williams, Ralph H., <i>cl</i> .....	Sterling

## Freshmen.

Beeching, Charles Lee, <i>sc</i> .....	Fingal
Bradshaw, Aubrey J., <i>sc</i> .....	Duquoin
Brownlee, James Erskine, <i>sc</i> .....	Pretty Prairie
Brownlee, Robert W., <i>sc</i> .....	Sylvia
Caldwell, William, <i>sc</i> .....	Geneseo
Edgar, Josiah D., <i>cl</i> .....	Sterling
Feagan, Elmo, <i>sc</i> .....	Sterling
Gebhardt, Guy T. <i>cl</i> .....	Lyons
Gordon, George Guy, <i>sc</i> .....	Stafford
Greenlee, Myrtle Idella, <i>sc</i> .....	Sterling
Gunn, Walter L., <i>sc</i> .....	Heizer
Hays, Edith Clare, <i>sc</i> .....	Nortonville
Horton, Madison F., <i>lit</i> .....	Sterling
Inches, John W., <i>cl</i> .....	Sterling
Lindsay, David R., <i>sc</i> .....	Viola
McCarroll, John H., <i>sc</i> .....	Sterling
Mathews, Leon Walker, <i>sc</i> .....	Sterling
McVey, Wilson, <i>sc</i> .....	Sterling
Osthoff, Carrie, <i>lit</i> .....	Sterling
Pulliam, Leonard, <i>sc</i> .....	Lyons
Ray, Robert, <i>sc</i> .....	Sterling
Smith, Margaret, <i>lit</i> .....	Sterling
Speck, Harry, <i>sc</i> .....	Lyons
Spencer, Eula A., <i>sc</i> .....	Sterling
Sterett, De Robb, <i>sc</i> .....	Sterling
Trueheart Virginia, <i>sc</i> .....	Sterling

Turner, Bessie Ann, <i>lit</i> .....	Sterling
Turner, Reid S., <i>cl</i> .....	Sterling
Webb, J. C., <i>lit</i> .....	Sterling

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### Preparatory Students.

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#### Seniors.

Barnes, Harvey D.....	Harper
Beaman, Annis E.....	Sterling
Beeching, J. R.....	Fingal
Chase, Harry.....	Chase
Dailey, Eugene W.....	Alden
Guthrie, Clyde Samuel.....	Walton
Giffen, Grace.....	Peabody
McCarroll, Ralph B.....	Sterling
Mustard, John Henry.....	Sterling
Pearce, C. D.....	Garden City
Ramsey, Frank.....	Sterling
Robinson, Clyde L.....	Viola
Robinson, Lloyd B.....	Viola
Smith, Bessie E.....	Sterling
Thompson, George N.....	Sterling
Turner, Hugh Bruce.....	Sterling
Williams, Wesley E.....	Sterling

#### Juniors.

Ainsworth, Walter.....	Rush Center
Barnes, C. Fred.....	Harper
Bradshaw, Cecil C.....	Duquoin
Brown, Edward.....	Duquoin
Brownlee, Archie.....	Pretty Prairie
Cooper, Daniel A.....	Idana
Currie, Jessie C.....	Sterling



Currie, Lydia.....	Sterling
Edgar, Robert Metheny.....	Sterling
Edgar, William D.....	Sterling
Edwards, Lloyd Jesse.....	Sterling
Guthrie, George Thomas.....	Wallton
Haas, Gilbert Adam.....	Sterling
Gunn, Leonard.....	Heizer
Hutchins, Herschel A.....	Lyons
Junkin, John Evans Jr.....	Sterling
Keys, Mattie Belle.....	Sterling
Lott, Amy.....	Sterling
McQuown, Albert.....	Walton
Moorhead, Albert Ritchey.....	Walton
Pence, Rosco Orville.....	Sterling
Perin, Harvey.....	Curran
Roney, Myrtle.....	Harper
Thompson, Paul Dean.....	Sterling

## Normal Students.

### Fourth Year.

Foster, J. Willard.....	Chalk
Walter, Harry Elmer.....	Harper

### Third Year.

Allen, Claude.....	Beaver Falls, Pa
Hill, Harry A.....	Huntsville
Houston, Nannie.....	Gem
Guttery, Olive Frances.....	Sterling

### Second Year.

Crego, Bertha.....	Sterling
Fowler, Mary M.....	Menlo, Ga
Gist, Alma Grace.....	Sterling
Johnson, Pearl .....	Saxman
Mathews, Roy.....	Sterling
McClung, J. Ralph.....	Harper

### First Year.

Anderson, Nannie Lavinia.....	Sterling
Abel, Fannie.....	Hoisington
Ball, May .....	Stafford
Barker, Myrtle B.....	Harper
Bridgeman, Maud Iva.....	Sterling
Baty, D. K.....	Great Bend
Caldwell, Clifton Clark.....	Geneseo
Caldwell, Harry.....	Geneseo
Chaplin, Celia M.....	Lamar, Colo.
Chaplin, Emma.....	Lamar, Colo.
Culver, Zora H.....	Curran
Cuthbertson, William A.....	Pittsburg
Deardorf, Blanche.....	Geneseo
Deardorf, Rosa.....	Geneseo

Durand, Bernice Geneive .....	Hoisington
Edwards, Lora.....	Sterling
Elliott, Edna M.....	Sterling
Eveleigh, Elizabeth Jane.....	Maherville
Eveleigh, Jessie May.....	Maherville
Feagan, Gertrude C.....	Sterling
Flora, Ethel May.....	Sterling
Ford, Mary Ella.....	Hoisington
Fulton, Adria.....	Idana
Kelley, Adrian.....	Raymond
Lyon, Vinnie Irene.....	Greensburg
McMillan, Mamie.....	LaSalle, Colo.
McConnell, Anna.....	Stafford
Miller, Edith.....	Albert
Smith, Bertha P.....	Geneseo
Smith, Mamie Amanda.....	Hoisington
Snair, Bertha.....	Zenda
Stahley, Madge.....	Leoti
Stahley, Bessie.....	Leoti
Sterett, Nancy Louise .....	Sterling
Smiley, Rosa.....	Stafford
Tucker, Rebbie H.....	Lyons

---

### Commercial and Shorthand Department.

Anderson, Viola.....	Lyon, Vinnie Irene
Barker, Myrtle B.....	McConnell, Jas. Goorley
Barnes, C. Fred.. ..	Moorhead, Albert R.
Barnes, Harvey D.....	Northrop, Ralph A.
Barrows, Winnie Etta .....	Robinson, Clyde L.
Baty, D. K.....	Sears, Bessie Alice
Caldwell, William.....	Smith, Harold C.
Clare, Eston Herbert.....	Smith, James N.

Cooper, Daniel A.....	Stahley, Bessie
Covalt, Mrs. Edna.....	Thomas, Gertrude E.
Flora, Blanche L.....	Thompson, LeRoy
Gunn, Leonard.....	Thompson, Paul Dean
Guthrie, George Thomas.....	Turner, Hugh Bruce
Hutchins, Herschel A.....	Wells, Clyde Bogardis
Junkin, John Evans.....	Wertz, Howard Elmer
Kelley, Adrian.....	Woleslagel, Ernest
DeWitt, Mark	

### Art Department.

Atkinson, Charley.....	Smith, Bessie
Baird, Mrs. Kate .....	Smith, Mae
Beaman, Annis .....	Smith, Myrtle
Bradshaw, A. J.....	Spencer, Edna
Brown, Amy .....	Squire, Ellen
Brown, Bascom.....	Sturgeon, Ruth
Brown, Ray.....	Straney, Milo
Burton, Olive E.....	Straney, Mrs. Ida
Flora, Ethel .....	Strong, Mrs. E. B.
Fowler, Mary.....	Strong, Vera
Gordon, Grace.....	Taylor, Myrtle
Graham, Mrs. Frances.....	Trueheart, Virginia
Hunt, Gladys.....	Tucker, Mr.
Inches, Inez.....	Turner, Bessie
Junkin, Evans .....	Walter, H. E.
Kern, Anna .....	Watson, Merle
Lees, Mrs. Della.....	Westerman, Mrs.
Mann, Mrs. Minnie.....	Westenhaver, Blanche
McKee, Vail.....	Wilson, Mrs. Anna
Prall, Clara .....	Wingett, Mrs. Ella
Rhodes, James .....	Wirshing, Marjorie
Skiles, Grace.....	Wirshing, Sallie
	Wright, Lorena.

### Elocution Department.

---

Ainsworth, Walter.....	Irvine, Will
Bradshaw, Aubrey .....	Johnson, Roy
Brown, Laura.....	Kerns, Walter
Brownlee, Erskine.....	Lamberson, Ethel
Caldwell, Will.....	Lindley, Mabel
Carson, Mabel.....	Logan, Bessie
Chapman, Emma .....	McCarroll, Ralph
Crego, Frances .....	McCarroll, Clara
Culver, Izora.....	McConnell, Anna
Currie, Jesse .....	McQuown, Albert
Daily, Eugene.....	McVey, Wilson
Denning, Mattie.....	Mustard, Paul
Dobbin, Benjamin .....	Nash, Clarence
Edgar, Josiah.....	Oyler, David
Eveleigh, Lizzie.....	Roy, Edith
Fowler, Mary.....	Selfridge, George
Funk, Golde.....	Selfridge, Edna
Giffen, Grace.....	Seigle, Andrew
Gordon, Grace.....	Smith, Bessie
Green, Lillie.....	Smith, Bertha
Greenlee, Idella .....	Smith, Maude
Guthrie, Clyde .....	Spencer, Eula
Hanks, Miss.....	Spencer, Wilda
Hawley, Isabelle.....	Stahl, Ethel
Hays, Edith .....	Taylor, Laura
Hobson, Fairy.....	Thompson, Luella
Hill, Harry.....	Trueheart, Virginia
Hockett, Ethel.....	Turner, Reid
Hockett, Muriel.....	Wells, Edgar
Humphreys, Belle.....	Williams, Ralph
	Wilson, Nelle



## Music Department.

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### Instrumental from June, 1902.

Green, Lillie .....	Heter, Edith
Smith, Myrtle.....	Timbers, Grace
Smith, Lenora .....	Rose, Bertha
Taylor, Laura.....	Fleming, Ruby
Selfridge, Edna.....	Beckham, May
Berry, Adelle.....	Beatte, Connie
Brown, Laura.....	Morris, May
Shaak, Evadne.....	Roney, Myrtle
McVay, Cecil.....	Seaward, Lesta
Turner, Helen .....	Hawley, Isabelle
Garey, 'Myrtle.....	Porter, Ethyle
Enfield, Grace.....	Smith, Bertha
Means, Leta.....	Betts, Clara
Stubbs, Myrtle .....	Clay, Hallie
Fleming, Myrtle.....	Norris, Cecil
Shotwell, Gladys.....	Fulton, Ad
Rogers, Lillian .....	Shrock, Mary
Bonnett, Lulu.....	Selfridge, Jr., George
Logan, Minnie .....	Fleming, Henry
Keys, Cora.....	Liston, Henry
Morehead, Albert.....	Wirshing, Bert

### Vocal from June, 1902.

Green, Lillie.....	Wood, Prof. T. M.
Smith, Myrtle.....	Bond, John
Taylor, Laura.....	Carter, Will

Smith, Lenora .....	Shotwell, Glenna
Turner, Helen.....	Zerbe, Mrs.
Enfield, Grace.....	Thomson, Mrs. J. A.
Bundy, Josie .....	Guttery, John
Quigley, Helen.....	Fleming, John
Smith, Belle.....	Mustard, Paul
Logan, Minnie.....	Fleming, Alvin
Greenlee, Idella .....	Atkinson, Walter
Rose, Bertha.. .....	Berry, Adelle
Hawley, Isabelle.....	Jay, Inez
Porter, Ethyle.....	Lansing, Ella
Norris, Cecil.....	Hopkins, Bertha
Spencer, Eula.....	Lantow, Bessie
Selfridge, Jr., George.....	Allen, Mrs.
English, T. J.....	Martin, Black

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		—
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		—
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1903/04

1903-1904

COOPER COLLEGE

STERLING, KANSAS

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THE COOPER QUARTERLY

Entered at Sterling, Kansas, Postoffice as second class matter.

Vol. 8

JUNE, 1904.

No. 30



SEVENTEENTH  
ANNUAL CATALOGUE  
— or —  
COOPER COLLEGE.

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College Department  
Preparatory Department  
Normal Department  
Commercial Department  
School of Elocution  
School of Art  
School of Music.

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1903-1904.

STERLING, KANSAS.

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BULLETIN JOB PRINT,  
STERLING, KAN.

### Calendar 1904-1905.

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1904.

June 5, 8 p. m.....	Baccalaureate Sermon by the President
June 6, 8:15 p. m.....	Chrestomatheon Annual
June 7, 8:15 p. ....	Theomoron Annual
June 8, 10 a. m.....	Annual Meeting of Senate
June 8, 5 p. m.....	Alumni Banquet
June 8, 8:15 p. m.....	Address by J. D. Milliken, McPherson, Kansas
June 9, 8:15 p. m .....	Commencement

### FIRST SEMESTER.

September 6.....	First Term Begins
November 11.....	First Term Ends
November 14.....	Second Term Begins
November 24-25.....	Thanksgiving Recess
December 16.....	Inter-Society Contest
December 23.....	Holiday Vacation Begins
January 2.....	Holiday Vacation Ends
January 27.....	Second Term Ends

### SECOND SEMESTER.

1905.

January 30.....	First Term Begins
February 12.....	Day of Prayer for Colleges
March 12.....	Annual Debate with Friends University
April 7.....	First Term Ends
April 10.....	Second Term Begins
May 11.....	Oratorical Contest
June 15.....	Second Term Ends



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1903-04

### College Senate.

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The corporate powers of Cooper College are vested in a Senate which consists of Trustees and Directors convened in joint session and for certain purposes in the Trustees alone. The Trustees, resident in Sterling, are elected annually, the Directors, biennially, by the Synod of Kansas. The Trustees meet in monthly session on the first Tuesday of each month, and the full Senate in annual session on the Wednesday preceeding commencement.

#### TRUSTEES.

J. Hanna, President.	T. H. Brown.
J. W. Duff, Secretary.	R. T. Anderson.
A. H. Stormont.	H. Irish.
W. B. Graham.	Treas. Current Funds, Talmon Bell

#### DIRECTORS.

Rev. J. White, D. D., President.....	Arkansas City, Kansas
Rev. S. M. Hood.....	Amoret, Missouri
Rev. I. C. Rankin.....	Guthrie, Oklahoma
Rev W. T. Mabon.....	Garnett, Kansas
Rev. C. H. Strong, D. D.....	Sterling, Kansas
Rev. J. T. Wilson.....	Sterling, Kansas
Rev. J. S. Turnbull.....	Viola, Kansas
Rev. J. C. Gibney.....	Newton, Kansas
Rev. J. H. Gibson.....	Pittsburg, Kansas
Rev. F. W. Wilson.....	Americus, Kansas
J. C. Johnston.....	Sterling, Kansas
A. B. Gilchrist.....	Walton, Kansas
James G. Berry.....	Sterling, Kansas
I. L. McCracken.....	Sterling, Kansas
S. A. Wilson, Sec. and Treas. of Endowment.....	Sterling, Kansas

### Faculty and Instructors.

---

REV. F. M. SPENCER, D. D., President and Professor of Mental and Moral Science.

S. A. WILSON, A. M., Professor of Ancient Languages.

J. G. THOMPSON, A. M., Professor of Mathematics and Astronomy.

MISS ANNA VANHORSEN, A. B., Lady Principal and Professor of Modern Languages.

TALMON BELL, A. B., Professor of History and Economics.

MISS ALICE M. BROWN, Instructor in Art.

OTTO W. NEWBY, A. B., Principal of Normal Department, and Professor of Pedagogy.

MISS EDNA R. SPENCER, B. S., Instructor in Elocution and Physical Culture.

J. B. COVALT, Instructor in Commercial Department

J. R. BEECHING, Instructor in Penmanship.

MRS C. A. RAILEY, Instructor in Spanish.

MISS ANNA MCKIRAHAN, Piano Instructor.

MISS L. L. TREAT, Vocal Instructor.

HARRY A. HILL, Tutor.

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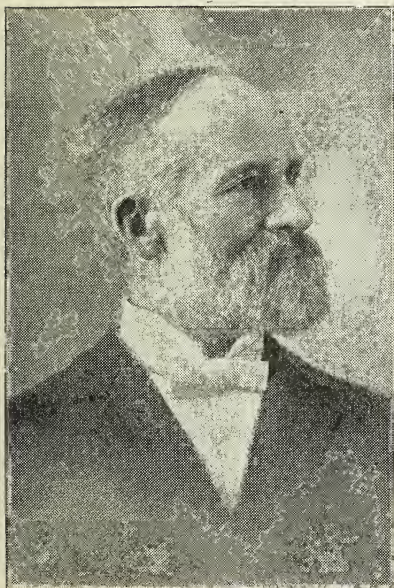
Officers of Faculty—President, F. M. SPENCER; Registrar and Recorder, TALMON BELL; Secretary, OTTO W. NEWBY.

Committee on Athletics—F. M. Spencer and Otto W. Newby.

Committee on Courses of Study—S. A. Wilson and Talmon Bell.

## Historical and Local Statement.

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Pres. F. M. Spencer, D. D.

Cooper College was founded in 1887. The Sterling Land and Investment Company agreed to erect a building costing \$25,000 on condition that the Synod of Kansas would provide an endowment of \$25,000 and operate the college. This endowment was to be raised within five years. Both parties fulfilled the conditions of the agreement, and the college became an established fact.

The aim of the Investment company was to add to the attractions of Sterling, and, by bringing a good class of citizens, improve the town. This has been accomplished to a very considerable extent. A large number of substantial families have come to Sterling on account of the college. They have helped to beautify the homes and to increase the business of the town.

The aim of the Synod was to establish an institution of learning within the bounds of the Synod where young people could receive Christian education. Primarily, this was for the young people of the United Presbyterian church. In a broader sense, however, the college was established for all the young people who might apply for the privileges of the institution. All are made welcome. The college is not sectarian. There is no difference made on account of religious faith. All stand upon an equality.

Because Cooper is a Christian institution, the Bible has an honored place in the course of study. True science is in perfect harmony with Revelation and is so taught. The spirit of the institution and the aim of those who have charge of it, is to develop by means of such instruction, the highest type of manhood and womanhood. We can point with pride to the young men and women who have received their education in Cooper College.

Cooper College is favorably situated. Sterling is a typical college town. She has a wide-awake population of 2200 people. Her streets are broad and clean. Several miles of new brick walks have been laid. Her numerous beautiful residences, comfortable churches and well arranged business houses are a credit to her citizens. Shade and fruit trees are so numerous as to make her worthy of the name «Forest City.»

The following denominations have congregations and church buildings in Sterling; United Presbyterians, Reformed Presbyterians, Presbyterians, Congregational, Methodist Episcopal, Friends, Baptist, Christian, United Brethren, Adventist, and M. E. Colored.

Sterling is a moral city. There are no saloons. The State prohibitory law is so well enforced that joints are not tolerated. On this account, Sterling is a good college town.

Sterling is not far from the center of Kansas, and is in the heart of the wheat belt. Wheat, corn, broomcorn, sorghum, kafir corn and alfalfa are staple crops. Central Kansas is developing rapidly, and is becoming more and more desirable for agricultural purposes.

Health conditions are favorable. The altitude of Sterling is about 1700 feet above sea level. The air is dry but not too rare. There is much sunshine. During the winter months there is little rainfall. Lung trouble is rare in this locality. Few cases of pneumonia prove fatal. There is practically no malaria. Many persons who cannot live in eastern States might enjoy good health here. This has been tried and proven by many Sterling people. A number of students have come to Cooper on this account. If conditions were fully understood, a great many more would come.





Wilson Hall and Dormitory.

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### Material Equipment.

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**Buildings.**—The college building is of Strong City limestone, and is one hundred and twenty feet by fifty, three stories high. It is finished in good style, has large single windows, a chapel to seat over three hundred, besides eleven other large and eight smaller rooms. These are well adapted for class rooms and other purposes.

A steam heat plant costing \$2400 has been put in recently. It is large enough to heat every part of the building in the coldest weather, and does its work easily. This improvement adds much to the comfort and cleanliness of college rooms and halls.

**Wilson Hall** is one block south of the campus. It is designed for a ladies' dormitory. It contains reception rooms, double parlor, a large dining room, bath room, and rooms for boarders. It is



heated by furnace, lighted with gas, and furnished for comfort and elegance.

**The Art Studio** is on Seventh Street. It has roof light and is furnished with china kiln, models, etc.

**The Campus** consists of ten acres set with a variety of trees. It contains the college, McCracken Athletic Field, and tennis grounds. It is about three-fourths of a mile from the center of town.

**Laboratories and Instruments.**—The Chemical Laboratory is in the first story and has a granitoid floor. It is furnished with city water, tables and desks for individual use in experimenting. Cases and shelves are fitted up with a complete line of reagents, glassware crucibles, electrolytic apparatus, blowpipes, thermometers, balances, etc., sufficient for thorough elementary and analytic courses.

Large new cases with glass doors have been put in the physical laboratory. Also new apparatus has been purchased, and made

The apparatus includes Holtz electric machine and X-ray outfit, a J. B. Colt Stereopticon, Induction coils, motor, Galvanoscope, etc. Much simple apparatus is made by the Normal Classes.

The Biological Laboratory is supplied with a full set of reagents for the usual course. The college owns a high power Bausch & Lomb compound microscope with double eye and nose pieces, also other microscopes.

The Astronomical Department owns a refracting telescope, focal length four feet, objective four inches, with two eyes, one magnifying 225 diameters. It is equatorially mounted on a tripod with alt-azimuth circles.

The college has a surveyor's compass, Gunter's chain and other equipment for field work.

**The Museum.**—The Museum contains a considerable amount of material illustrative of the sciences of Geology, Zoology and Botany. Specimens of minerals and rocks from many localities are included in the collection; each geologic age being represented. Kansas and Colorado are well represented. All sections of our state furnish specimens by rocks and fossils. Through the

gift of Rev. John P. White, of Topeka, Kans., a former missionary to Egypt, the college possesses a very valuable geological collection from Egypt and the Holy Land. A collection illustrative of Egyptian life is accessible through the kindness of Mr. A. G. Smith.

The Zoological specimens include collections illustrative of marine invertebrate life, birds' eggs and bird and mammalian life of Kansas. The flora of Rice County is illustrated by botanical specimens. Mounted specimens from other localities are also in the collection. It is the aim to make the Museum not merely a collection of curiosities, but an important factor in advancing the scientific work of the students.

Through the efforts of students and other friends the museum collections are being constantly increased. During the past year, contributions for the museum have been made by the following persons:—B. X. Tucker, San Francisco, Cal.; Ross W. Graham, Apache, Okla.; The Pawnee Ranch Co., Abbyville; A Beaman, W. L. Hanlon, Miss Lulu Sterrett, Mrs. L. M. Reed, and T. H. Brown, of Sterling. We extend thanks to all these friends for their generosity. Specimens are solicited from friends.

**Library and Reading Room.**—During the past year, under the oversight of Miss Maude Smith, the Library has been renumbered and catalogued. Full catalogues have been made under the following lists:—Accession, Author and Title. In addition a card catalogue has been placed in the library, and the books have been catalogued by Authors and most of the books and some of the magazine literature by Title and Subject. A careful classification has been made of the scientific article, in the Smithsonian Reports and cards made of material accessible upon the subjects for thesis and for debate during the college year. This has made the library more useful than in any previous year, because more accessible.

No year has seen greater growth in the library in added books, magazines and other periodicals. Three especially noteworthy additions have been made by purchase of Crown Masterpieces of Literature, ten volumes, edited by Justice Brewer; the New International Encyclopedia, seventeen volumes, and,

History for Ready Reference, six volumes. For the means for obtaining the encyclopedia we are indebted to the gift of Hon. J. H. Stavely, of Lyndon, Kan.

There has been liberal donations to the library during the past year. Among the donors of books have been: Miss Anna Kern, Miss Maude Smith, Mrs. A. S. Thompson, B. M. Dobbin, Senator Chester I. Long, Representative Victor Murdock, U. S. Geological Survey, U. S. Executive Department, N. Y. State Library, Smithsonian Institute, U. S. Census Bureau, Kansas State Historical Society, Kansas State Horticultural Society, Kansas State Board of Agriculture, Kansas Department of State, U. S. Coast and Geological Survey.

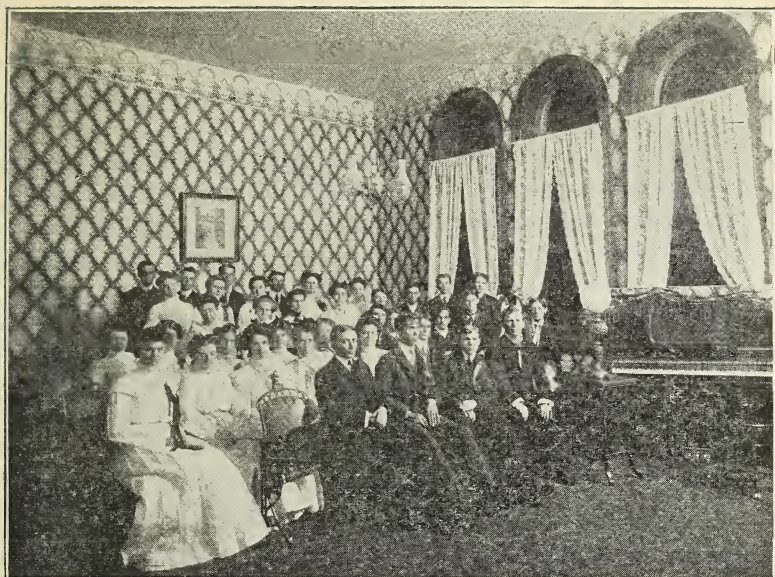
Among those who have contributed volumes of magazines or other periodicals during the past year have been: Miss Anna Kern (Outlook, Ladies Home Journal, Century, Daheim), Prof. J. G. Thompson (Academy, Chautauquan, National Teacher), Mrs. Y. Dougherty (Puritan, Munsey, McClure, Cosmopolition), Mrs. L. M. Reed (Christian Work), Mrs. I. L. McCracken (Cosmopolitan), Rev. David Inches (Homiletic Review, Review of Reviews, Missionary Review of the World), Mrs. E. S. Adams (Pearsons, Christian Herald, Boy's World), Home Culture Club of Sterling (Cosmopolitan, McClure, Current Literature, Arena, Review of Reviews, Harpers), S. A. Wilson (Review of Reviews), Dr. F. M. Spencer (Hebrew Student).

There are at present in the library some 2100 catalogued volumes and as many unbound magazines. Friends who have books or magazines to spare can put them to no better use than placing them in the college library for the use of students.

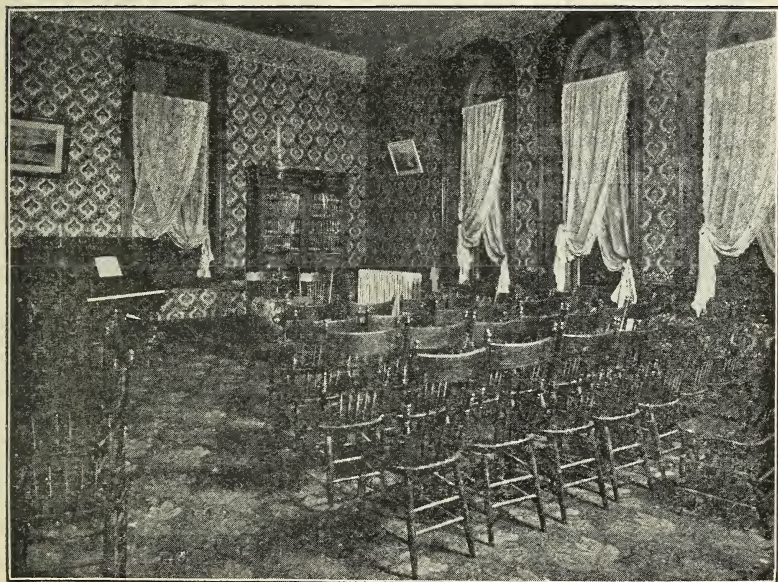
Apart from the regular college library the Christian organizations of the college have placed a missionary library case in the library room, containing volumes of the best missionary literature.

Rev. J. B. Dodds, pastor of the R. P. Church, Sterling, and Dr. J. A. Thompson, President of Tarkio College, contributed to the formation of this library by the lectures which they generously gave without charge, and Mr. Thos. A. Carson, by the gift of a case for the books.





Chrestomatheon Literary Hall.



Theomoron Literary Hall.

A traveling library from the State Library at Topeka has also been in the library room.

On the reading tables have been placed many of the college and high school periodicals. Through the courtesy of the publishers, the following periodicals have been received: United Presbyterian, Christian Instructor, Kansas Farmer, Kansas City Journal, American Economist, Advocate of Peace, Kansas Educator, School and Fireside, Our Dumb Animals, The Glory of Israel, Lyons Republican, Barton County Democrat, Social Ethics. The Saturday Evening Post is the gift of J. E. Junkin. Daily and monthly periodicals have also been on the reading desk through the courtesy of friends.

The Sterling Public Library is also accessible to students for a nominal fee, thirty cents being charged for the privilege of use of the books for three months. An excellent selection of the current and standard fiction and general literature is thus made available to our students, supplemental to the material in the college library.

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### Acknowledgements.

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For the Endowment Fund, Cooper has received from J. F. Stewart \$2000.00, an annuity; from Dr. Samuel Collins, Allegheny, Pa., \$500, from the sale of Lincoln College, Greenwood, Missouri, \$880.00

For Steam Heat and Current Fund, friends in Lyons, Kansas, \$30.50, Viola young people \$2.61, Rev. J. S. Turnbull \$10.00, Judge Hutchinson \$25.00, Margaret McDill \$5.00, Ladies Missionary Society, Sterling, Kansas, \$5.00, Sixth U. P. Church, Pittsburgh, Pa., \$250.00, Mrs. Margaret Stewart, Newberg, N. Y., \$10.00, Lyndon congregation \$10.00, J. H. Stavely \$95.00, J. W. Duff \$5.85, La Crosse Congregation \$5.00, Ninescah Congregation \$8.00, Prof. D. F. Shirk, Newton, \$10. Besides these donations quite a number of current fund notes have been paid.



## College Organizations.

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**The Y. M. C. A. and Y. W. C. A.**—These two societies form the student organizations for Christian work. R. B. McCarroll is president of the former, and Miss Wilda Spencer of the latter. Prayermeetings are held each week.

**The Chrestomatheon and Theomoron Literary Societies** are the student organizations for literary work. The Chresto society was organized in 1888; the Theo in 1894. Each has a fine hall, beautifully finished and furnished. The members take pride in providing the best of equipment. Each society owns an excellent upright piano and music is a feature of each week's program. Medals are presented the members of the graduating class by their respective societies. These societies afford superior opportunities for literary training.

**The Athletic Association** is organized under a Board of Control consisting of two members of the faculty, and two elected by the students. The «Topeka Rules» control the athletic contests of the college. Football, baseball and basket ball teams are thoroughly organized and trained. From five to ten inter-collegiate games in each were played the past year. A Field Day is held near the close of the year. The athletic field is enclosed, and the students have the best of facilities for contest and team work. Tennis clubs provide this delightful exercise to those who enjoy it.

**The Alumni Association** meets each year during commencement week. A banquet is an enjoyable feature of the close of the academic year. The Alumni have been active in forwarding the interests of the college.

**The Cooper Courier** is distinctively the student paper. It is published monthly, and this year completes its fourteenth volume. The editors are chosen annually by the students. The Courier has uniformly maintained a reputation of high standard.

**The Cooper Quarterly** is published by the faculty as a bulletin

of information of the departments, courses, lectures, changes, quarterly notes, etc. It is sent free on request.

**Lectures.**—A regular popular course of lectures is secured each year in Sterling. Dr. W. A. Quayle, Byron W. King, Frank Nelson, Dr. C. B. Newton, The Ladies Quartette were on this course the last year. A number of special lectures were also given before the student body by leading educators of central Kansas towns.

**The Seventh Inter-Society Contest** occurred December 11. The Chrestomatheon Society was represented by Messrs. B. M. Dobbin and J. F. Gilliland, debaters; orator, Mary Fowler; essayist, Olive Guttery; declaimer, Grace Giffen. The Theomorons were represented by Robert Ray and W. R. Irvine, debaters; orator, J. D. Edgar; essayist, Bessie McCrory; declaimer, R. B. McCarroll. The Chrestos gained ten points and the Theos two points.

**The Inter-Collegiate Debate** held annually between Cooper College and Friends University occurred in Sterling March 12. The question for debate was: "Resolved, That the extension of suffrage to the Negro soon after the civil war was unwise." Friends affirmed, and Cooper debaters, B. M. Dobbin, J. D. Edgar and J. F. Gilliland, denied and won the debate. Cooper has won three out of four of these inter-collegiate debates. The debate will be held in Wichita next year on the second Friday of March.

**A Bible Reading Contest** was held April 18, the prizes, amounting to \$25, being furnished by Mr. Platt Tracy, of Chicago, Ill. Six prizes were given for \$10, \$5, \$4, \$3, \$2, \$1, and were won by Bessie McCrory, Mathew McMillan, Mary Barnes, Joe Webb, Bessie Smith, and Olive Guttery.

**Two Matrons' Contests** were given in connection with the W. C. T. U. The Instructor in Elocution trained for these contests and for several recitals.

## General Information.

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**College Dues.**—Tuition for term of ten weeks, \$8.00; incidental fee per term, \$1.00; total fees per term, \$9.00. These fees are due on the first day of each term. If not paid the first week, the total fees per term will be \$10.00. All fees must be paid before name is entered on class roll. All fees paid for less than one term will be at the rate of \$1.00 per week. Only in case of protracted sickness will fees be returned. For one subject, half tuition will be required. For two subjects, in literary and normal work, full tuition will be required.

Special fees for graduation in any course.....	\$5.00
Chemical Laboratory fee (Chemistry class).....	\$4.00
Biological Laboratory fee (Biology class).....	\$2.50
Physical Laboratory fee (Physics class).....	\$1.50
Special Examinations.....	\$1.00

In the Commercial Department Tuition for term of ten weeks, \$12.00. For less than one term, \$5.00 per month. No student received for less than one month. In the Music Department the terms are 50 cents per lesson, or \$10.00 per term of twenty lessons.

In the Art Department, the terms are 50 cents per hour. A reduction is made to students in the literary department of the college.

**Rooms and Boarding.**—Wilson Hall, under the management of the Misses Belle and Linnie Wright, is situated one block south of the college. Rooms on the second floor in this building can be had for \$1.25 per week and on the third floor for \$1.00 per week. These rooms are large, airy and well furnished. Students are expected to furnish their own towels.

Many of the students rent rooms and take their meals in clubs. Furnished rooms, 50 cents for each person, when two occupy a room.

Table board in clubs has been from \$2.00 to \$2.25 per week. Board and lodging in private families from \$3.00 a week up. Houses for rent and rooms for self board at about \$2.00 per room each month.

It is the constant aim of the college to keep expenses down to the minimum consistent with good health, first class facilities and the best working power of students.

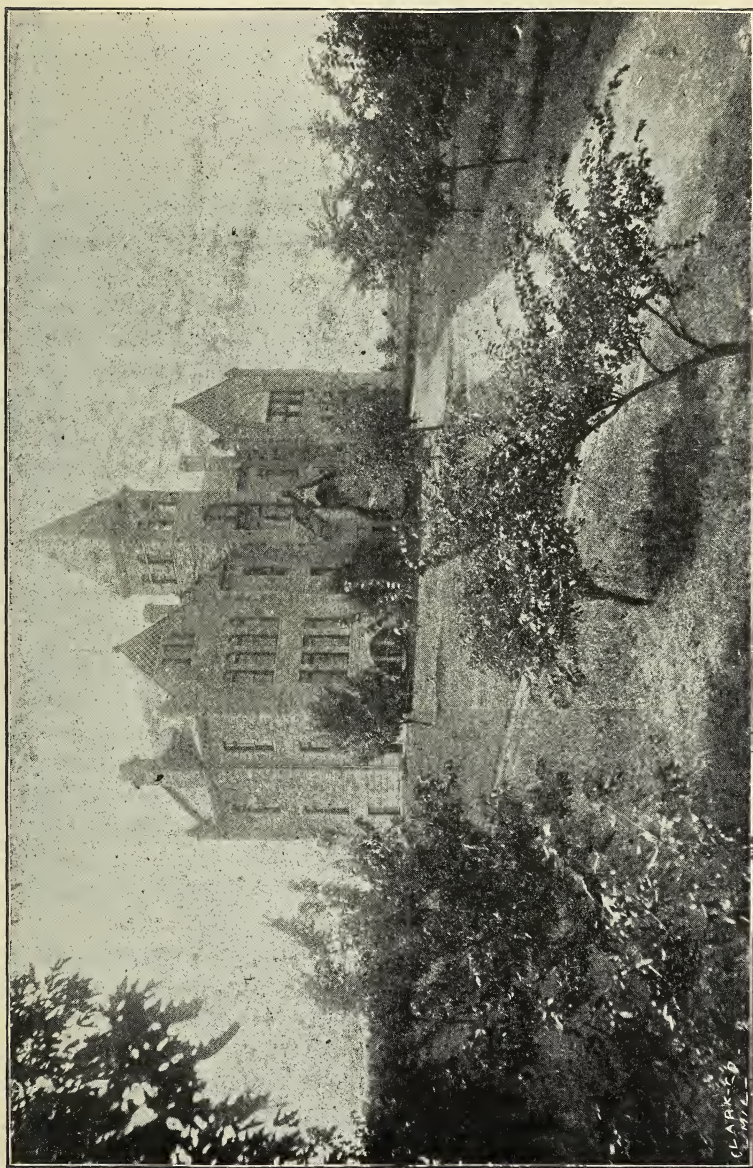
A careful estimate has been made of all necessary college expenses for one year of forty weeks to be, for self board \$100, for club board \$150, and for private board \$200. To this personal expenses must be added.

**Self Help.**—Some opportunities for earning a part of college expenses by work occasionally may be had both for boys and girls. Those wishing to secure such help should write early and definitely to the president.

**Scholarships** are offered to the highest in rank in counties and High Schools in a number of cases. These cover tuition but not the term or special fees.

**Indian and Negro Scholarships.**—A fund given by Mr. Wm. McCracken, of Sunnydale, Kan., provides all tuition and fees and some other expenses of bright young people of these two races. Inquiry may be made of the President.





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CLARK



## Regulations.

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**Admission.**—Students are admitted to the first year of the Preparatory Department on registering and filling out the enrollment blank furnished them.

**For Advanced Standing,** the student is required to furnish evidence that he can carry the subjects called for, produce a certificate from a recognized High School or College, or to pass an examination on preceding subjects in the course.

**Registration.**—Each student is required to register at the beginning of each semester, giving such information concerning himself and the work desired, as the Faculty may request. No student is entitled to any credits until he has registered.

**Reports.**—At the close of each semester a report of the student's attendance, class grades and examinations are sent to the parent or guardian.

**Absences.**—Students are required to make up the work of recitations from which they have been absent by written test or special recitation within a week of the date of absence.

**Number of Subjects.**—No student is permitted to take fewer than three or more than four daily subjects at one time except by the vote of the Faculty. Students may choose subjects not in the regular order of their courses only by permission.

**Public Exercises** in recitation, oration or essay may be assigned to students in regular college classes once each year.

**Examinations** are held upon the completion of a subject. In determining the final grade upon any subject the average recitation grade and the examination grade count each on -half. Other examinations may be held at such times as the professor in charge may determine. Should a student desire an examination at another time than that of a regular examination, or that appointed by the professor in charge, it may be obtained by the consent of the professor in charge and the payment of a fee of one dollar.

## Departments of Study.

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### COURSES OF STUDY.

There are three general courses in the Collegiate work, numbered and named as follows:

I. **The Classical Course**, with degree of A. B. at graduation, requiring four years of study after completion of Preparatory work.

II. **The Scientific Course**, with degree of B. S. at graduation, requiring four years.

III. **The Literary Course**, with degree of B. L. at graduation, requiring three years of study.

In all subjects except where special mention is made five hours per week are required.

### MENTAL AND MORAL SCIENCE.

I. **Psychology**.—Thirty weeks, one semester and a-half, are devoted to the study of this subject. Consciousness, presentation, thought and intuition are each in turn investigated. At every step the appeal is made to experience to corroborate the dictum of the text. Porter's Intellectual Science is the basis. Seniors, required in courses I, II, III.

II. **History of Philosophy**.—The last half of the second semester is taken up with a study of Schwegler's text, supplemented by discussion and collateral reading. Seniors, Courses I, II, III.

III. **Logic**.—First semester—The design is to familiarize the student with all the more general forms of reasoning. Dr. Schuyler's text book is used. Seniors, Courses I, II, III.

IV. **Ethics**.—Second semester, 20 weeks. Wayland's Moral Science is studied. A careful examination is made of the basis and rules for moral conduct. The Bible is presented as the rule of moral action, and its precepts are shown to be in accordance with human reason and human needs. Seniors, Courses I, II, III.

### BIBLE STUDY.

Bible Instruction has been given to all the students for the entire year. During the past year the students ranking Sophomore and above have studied the book of Romans, reciting to the President. The Freshman class has studied John's Gospel, reciting to Prof. Wilson. A class has also been conducted in the Greek Testament (Westcott & Hort's text) during the last half of the second semester. This class read portions of the Acts and the Epistle to the Romans.

The Preparator students have been divided into sections, reciting to Profs. Thompson, Bell and Newby. These classes have studied John's Gospel and the beginnings of the New Testament church.

All classes have recited once a week. It is the aim to secure direct and reverent study of the Word of God.

### HISTORY AND POLITICAL ECONOMY.

I. **English History.**—The work of English History includes the thorough study of Green's Short History of the English people, the course requiring thirty weeks. Gardiner's Atlas of English History is used to give the necessary knowledge of the geography of the time and places studied. In addition to the study of the text book, students are required to use the library for the investigation of many subjects. The College library contains an excellent selection of historical works. Freshman, Courses I, III; Juniors, Course II.

II. **Political Economy** is studied for twenty weeks, the second semester. A careful study is made of Walker's Advanced Course with discussion of the subjects therein treated. Special attention is given to the study of modern, social and economic problems. Juniors, Courses I, II, III.

### ANCIENT LANGUAGES—GREEK.

1. Xenophon's Anabasis, books II to IV; first semester. The essential points of inflection and syntax are thoroughly reviewed. Freshman, Course I.

2. Homer's Iliad, books I to IV; second semester. Freshman, Course I.

3. Xenophon's Memorabilia, books I, II and III, thirty weeks. Sophomore, Course I.

4. Greek Testament, ten weeks Sophomore, Course I.

5. Demosthenes' De Corona, first semester. Junior, Course I.

6. Plato's Apology, first half second semester. Junior Course I.

7. Euripides, Selected Play, last half second semester. Junior, Course I.

In all the Greek courses it is the aim, after having secured a good foundation in the grammatical principles of the language, to so study the authors that there may be some appreciation of their thought and literary excellence.

### LATIN.

1. Cicero, select orations and essay on Friendship or Old Age; thirty weeks. Freshman, Course I, II, III.

2. Livy, two books; last half second semester. Courses I, II, III.

3. Horace, selected odes and satires; first semester. Sophomore, Courses I and II; Junior Course III.

4. Tacitus' Germania and Agricola; second semester. Sophomore, Courses I and II; Junior, Course I.

5. Plutus, Captives and Trinummus, second semester. Junior, Course I.

The Latin Courses are intended to give exercises in the study of the different styles of literature at the period of its highest development, and to show the indebtedness of the English language and life to the Latin.

### MODERN LANGUAGE—GERMAN.

1, Bernhart and selections from German Classics; entire year. Among these are Schiller's Wilhem Tell, Riehl's Burg Neideck, Lessing's Minna von Barnhelm, Meyer's Gustav Adolf's Page. Freshman, Courses I, III.

2. German Classics; entire year. Scheffel's Ekkehard, Goethe's Faust, Lessing's Nathan Der Weise and others. Sophomore Scientific or Junior Literary; required in Course II; optional in Course III.

Conversation exercises and exercises in composition accompany all the work in German. Readings in Scientific German are also given in the course.

### MATHEMATICS.

1. **Geometry.**—Plane and Spherical. One year is given to this subject. Philips & Fisher's text is used; much original work is required and there are frequent written tests; required in Courses I, II, III for Freshmen.

2. **Higher Algebra** including topics; Ratio, Proportion, Variations, Logarithms, Permutations, Series, Theory of Limits, Numbers and Equations. Wentworth's text; first semester. Sophomore, Courses I, II.

3. **Trigonometry and Surveying.** Plane and Spherical Trigonometry with development of formulae and with applications. Sufficient attention is given to surveying and leveling to render the student familiar with the ordinary operations and computations. Two hours per week are given to field work. Second semester. Sophomore, Courses I, II.

4. **Analytics.** In this subject the geometrical and algebraic methods of proof are united in a systematic study of the line, circle, parabola, ellipse and hyperbola. A short study of the higher plane curves is appended. First semester; Junior, Courses I, II.

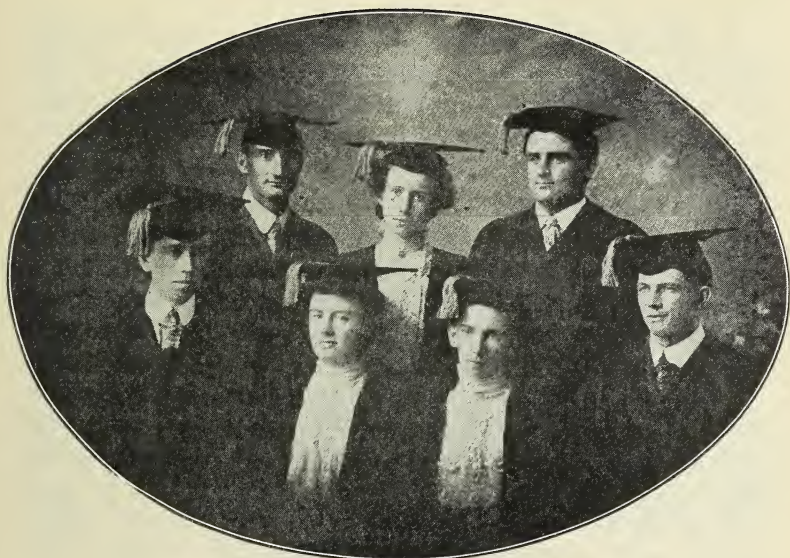
5. **Calculus**—Differential and Integral. Second semester; Junior, Course II.

Each of these subjects is a requisite to the following one.

### ENGLISH LANGUAGE AND LITERATURE.

1. **Milton's Paradise Lost** is studied the last half of second semester. Attention is given to the thought, the language, the historical and mythological references and to the memorizing of certain portions. Theses on assigned topics are also required. Courses I, III.





Graduating Class of 1904.



Girls' Basket Ball Team.

2 **Trench's Study of Words** is made the basis of one term's work. Each member of the class is expected to be on the alert to find new words or words of special import. Each year many words not in the text book are carefully studied. Last half first semester; Sophomore, Courses I, II; Junior, Course III

3. **Science of Rhetoric.**—Hill's Text. In order to prepare for effective speaking; the laws of the mind and the adaptation of the truth to the thinking mind so as to lead to action are carefully studied. Special attention is given to composition, preparation of outlines and discussion argumentatively of questions for debate. First semester, Sophomore, Courses I, II; Junior, Course III.

4. **English Literature.** One entire year is given to to this subject. Three lines of study are followed: First, text book with Shaw's work as the basis; second, several works of the best authors are read and carefully discussed in the class room; third, critiques on both English and American authors and their works are required from each member of the class. Some time is spent in the study of contemporary literature. Junior, Courses I, II, III.

5. **Philology.** Lectures are given in which a general view of language is given, showing something of the relationship of the members of the various families of speech. A sketch is given of the history of the English language and of the causes which bring about change. Last half of second semester, Junior, Courses I, II, III.

6. **Shakespeare** is studied for 10 weeks by the Seniors. A critical study of two plays. Collateral studies, and a number of passages committed to memory are required. Courses I, II, III.

### NATURAL SCIENCES.

1. **Biology.**—Two lines of work are followed, recitations and laboratory. The textual work is based on Sedgwick & Wilson's Biology, and the experimental on Pillsbury's Laboratory Guide. High power microscopes and glasses are used and the necessary chemical reagents supplied. First semester. Freshman, Course II.

2. **Botany.**—Gray's School and Field Book is used. After study of this text, the members of the class analyze and press plants and flowers. Each member is expected to analyze from sixty to one

hundred native plants and preserve the pressed specimens in a blank book. Laboratory work is also required. Second semester. Freshman, Course II; Sophomore, Course I.

3. **Chemistry.**—Descriptive and Theoretical Chemistry are studied from Remsen's text. Half the time for twenty weeks is given to Laboratory practice, in which each student is expected to perform for himself at least one hundred experiments. All experimental work must be recorded in a note book, by description, diagram and chemical equation and formula. The Laboratory is well furnished. First semester. Junior, Courses I, II. Optional in Courses III.

4. **Qualitative Analysis.**—For advanced students in Chemistry. Chemistry is pre-requisite. Second semester. Optional, Course II.

5. **Physiology.**—An advanced course using Martin's Human Body as a text. Preparatory Physiology is a pre-requisite. Second semester. Sophomore, Course II.

6. **Physics.**—An advanced course using Olmsted's text. Laboratory experiments are also required. Preparatory Physics and the Advanced Mathematics are pre-requisite to this course. Additional work is given from "100 Problems in Mathematical Physics." Second semester. Junior, Course II.

7. **Astronomy.**—Newcomb's Astronomy is the text and Young's Uranography is used for observation work. Reference is had to other texts, to notes, charts, etc. Definite observation work is required. The college owns a good telescope and it is used in studying moon, planets, double stars, nebulae. Facility for extra study accorded. First semester. Senior, Courses I, II, III.

7. **Zoology.**—Packard's Advanced Course is used as a text. Collateral reading is required, and a thesis upon some special topic. The Museum furnishes illustrative specimens. First semester. Seniors, Courses I, II, III.

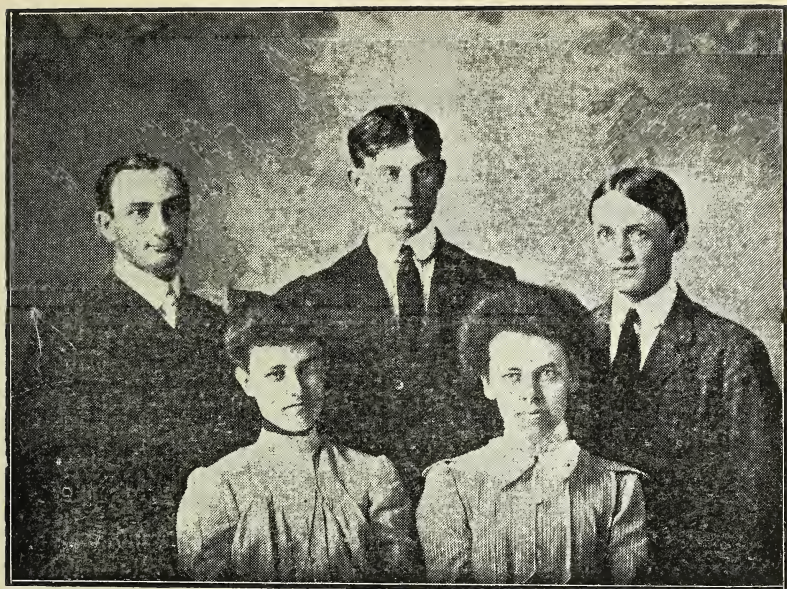
8. **Geology.**—Dana's text, revised edition is used. A thesis is required upon some special topic. Some study is given to Kansas Geology. Specimens illustrative of each age are at hand. Second semester. Seniors, Courses, I, II, III.



# CONSPECTUS OF THE COLLEGIATE COURSES.

COURSE.	FRESHMAN.		SOPHOMORE.		JUNIOR.			SENIOR.	
	1st Semester.	2d Semester.	1st Semester.	2d Semester.	1st Semester.	2d Semester.	1st Semester.	2d Semester.	2d Semester.
I. CLASSICAL A. B. Degree.	Physics I Cicero Anabasis English Hist.	Physics I Cicero 1 Livy 2 Iliad English Hist. 1 Milton 2	Higher Algebra Horace Memorabilia Science Rhet. 1 Trench 2	Trigonometry and Surveying Tacitus Memorabilia 1 Greek Test. 2 Botany	English Lit. Analytics De Corona Chemistry	American Lit. 1 Philology 2 Plautus Plato 1 Euripides 2 Polit. Economy	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics	
II. SCIENTIFIC B. S. Degree.	Geometry Cicero German II Biology	Geometry Cicero 1 Livy 2 German II Botany	Higher Algebra Horace German III Science Rhet. 1 Trench 2	Trigonometry and Surveying Tacitus German III Phsiology II	Analytics Chemistry English History English Lit.	Calculus or Qual. Analysis Physics II Polit. Economy American Lit. 1 Philology 2	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics	
III. LITERARY B. L. Degree.	Geometry Cicero German II English Hist.	Geometry Cicero 1 Livy 2 German II English Hist. 1 Milton 2			Horace or German III English Lit. Science Rhet. 1 Trench 2 Elective	Tacitus or German III American Lit. 1 Philology 2 Polit. Economy Elective	Psychology Logic Zoology Astronomy	Psychology 1 His. Philosophy 2 Ev. Christianity 1 Shakespeare 2 Geology Ethics	

The number 1 or 2 occurring after a subject means that it runs only the first or second term of that Semester. Substitutes may be allowed for Analytics and Calculus.



**Cooper Courier Staff.**



**Garfield Weede. Fred L. Weede. Rev. Geo. W. Benn. Dr. J. C. McCracken. Bruce Byall  
Philadelphia Alumni and Ex-Students.**



## Normal Department.

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The Normal Department is designed to give a thorough preparation for teaching, and to meet the demands for competent and professionally trained teachers. Normal students receive the same careful attention, and enjoy the same privileges accorded students of the other departments. Stress is laid upon mastery of the common school branches, and upon thoroughness.

**Entrance Requirements** are as follows. Those entering to pursue regular work must present certificates of graduation from common school work, or give satisfactory evidence of being able to take the course. Candidates for advanced standing in this department must take examination in those subjects for which credit is desired; or present a first or second grade, or professional county teacher's certificate covering those subjects; or present official evidence of having satisfactorily completed such subjects in an accredited school. Passing grades in the Normal Department must be 80 per centum, with the exception that in Spelling they must be 90 per centum.

**Time of Admission.**—Students can enter at the beginning of any term, and will usually find classes suited to their advancement. To meet the needs of teachers and those preparing to teach, classes in the common branches are taught during the entire year. All can thus be accommodated, as subjects offered during the first part of the year are repeated in the Spring term.

The Normal Course is approved by the State Board of Education and leads to the State Certificate. It provides careful instruction in both the Academic and professional subjects. The course covers a period of four years. In this course is brought together all that bears upon Pedagogy, from the History of Education, from Psychology, from the principles and art of teaching, and from a comparative study of systems of education. This knowledge is united into a body of pedagogical doctrine and its application to education and instruction pointed out. The course is specially arranged with reference to the needs of the average teacher, or one preparing to teach in the public schools.

**The Professional Subjects.** History of Education, Philosophy of Education, School Law, School Management and Methods of Instruction are given special attention in the Normal Courses. Beside these subjects courses in Elementary Pedagogy, and School Supervision contribute to the students' professional training. Each student of this department during his third or fourth year is required to devote at least 20 weeks to practice teaching and criticism under the direct supervision of the regular professor, or the critic teacher in the Model School.

**The Educational Library** is quite complete, containing most of the standard works upon education. Several educational periodicals are available upon the reading tables.

**State Certificates.**—Under the law of 1893 graduates from the Normal Course receive a three years' certificate to teach in any of the schools of the State. This certificate becomes a life certificate, if the holder teaches two out of the three years to which his certificate entitles him. The State Board of Education requires an examination in the five professional branches only. This is an opportunity that prospective teachers should not overlook.

The law of 1899 further provides that graduates of the A.B. or B. S. Courses, by electing the professional subjects during the regular course, and doing practice teaching may also secure the State Certificate.

**Graduation and Diploma.**—Students who satisfactorily complete the Normal Course participate in the regular graduation exercises with graduates of the college classes; and are presented with the Normal Diploma of the college.

### TEACHERS' PROFESSIONAL SUBJECTS.

**Psychology** 20 weeks; thorough advanced course based on Porter's Elements of Intellectual Science.

**Philosophy of Education**, 20 weeks; based on Rozenkranz's text, a careful study of the principles underlying the science and art of teaching; the nature, form and limit of education; the principles governing physical, intellectual and moral education and their practi-

cal application to the various stages of the child's development. Psychology is pre-requisite.

**History of Education**, 20 weeks; texts used, Painter and Boone; library readings required; survey of educational systems of both ancient and modern nations; typical movements in education; the great educators; development, purposes and ideals of different systems, and their realization in school organization and methods; the educational history of the United States; modern tendencies.

**Child Study or Paidology**, 10 weeks; lectures and a study of the literature of the subject; what is known about the normal child, physically, intellectually and morally. The care and handling of abnormal children; actual study of children encouraged—methods explained; thesis required of student.

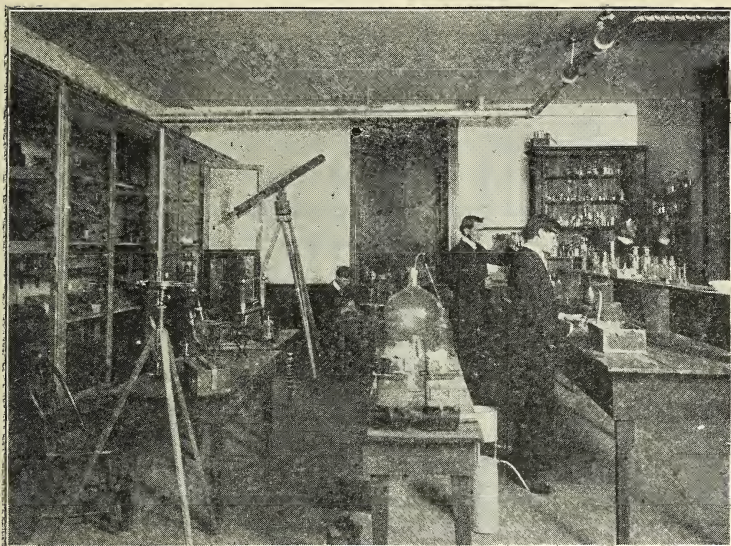
**School Law or Educational Civics**, 10 weeks; the provisions of Kansas law relating to school maintenance, supervision, organization and administration. Comparison with laws of other States; National aid; special State and city systems; library readings.

**School Management**, 10 weeks, the problems of public schools, organization, program, grading, promotions, examinations, class management, discipline, incentives, employments, co-operation, qualifications and duties of teachers, school boards and duties, buildings and their equipment, school hygiene, moral training, loose and close supervision. Library readings.

**Kindergarten**, 10 weeks; careful study of life of Froebel, his theories and the work, purpose, ideals, materials and methods of the modern kindergarten. Its place in our educational systems; the abuses to which it is susceptible.

**General Method**, 10 weeks; library readings; theory of recitation; the formal steps in instruction, preparation (analysis), presentation (synthesis), comparison (association, abstraction), generalization (system, definition), application; the laws of instruction, induction, apperception, aim, self-activity, absorption and reflection, motor activity, interest, correlation. How to correlate the arts of study, learning and teaching.





Laboratory and Apparatus.

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**Elementary Pedagogy**, 10 weeks; an outline of the powers and activities of the mind; the underlying principles and methods of teaching; study of the most approved methods of instruction in the common branches.

**Teaching and Criticism**, 20 weeks: actual practice in class instruction and observation, under criticism of the teacher of the department in which work is done, or of critic teacher, if in the Model School. Required of all State Certificate graduates.

## CONSPICUOUS OF THE NORMAL COURSE.

FIRST YEAR.		SECOND YEAR.		THIRD YEAR		FOURTH YEAR.	
1st Semester.	2d Semester.	1st Semester	2d Semester	1st Semester	2d Semester	1st Semester	2d Semester
Arithmetic English Grammar U. S. History Pol. Geography 1 U. S. Constitution Kansas History 2	Arithmetic Physiology I Penmanship 1 Physical Geog. 1 Parliament. Law 1 Primary Meth. 2 Orthography 2 Reading 2	Algebra Latin Grammar Composition and Rhetoric Physics I Bookkeeping 1 Spelling 2	Algebra Genl History Botany Physics I Latin Gram. 1 Caesar 2	Geometry Zoology Astronomy English Lit. Caesar	Trigonometry & Surveying Geology Pol. Economy Music Virgil	Psychology Chemistry History of Education School Management 1 School Law 2 Teaching and Criticism	Physiology II Drawing Philosophy of Education Kindergarten or Child Study 2 Methods 1 Teaching and Criticism

*P.S.* The number 1 or 2 occurring after any subject means that it runs only the first or second term of that Semester.

The Roman numeral I or II means the first or second course.



## Preparatory Department.

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THE PREPARATORY DEPARTMENT, from the first, has had a justifiable existence, in view of the scarcity of secondary school privileges of many of our students. The advantages offered are two-fold: A preparation for a collegiate course, and thorough training in academic branches.

THE INSTRUCTION is given by the professors in charge of the regular college classes—affording a marked advantage to under-class students. The privileges of the Preparatory students are the same as those of the college.

FOR ADMISSION to this department the elementary knowledge of English Grammar, Arithmetic, United States History and Geography is required. For advanced standing the applicant must show ability to enter the studies proposed. Certificates from public schools or high schools may be received as credits on approval.

THE COURSE OF STUDY maintains two years of work above the common branches. The same preparatory work is required for the admission to all the collegiate courses with the single exception that Classical students take the beginning year in Greek instead of German.

The subjects of the Preparatory Course include:

MATHEMATICS.—ALGEBRA is studied all of the Junior Year. This ground work is sought to be well laid. Original work in problems, note book and written tests are used in this subject. Worth is the basis of the study.

SCIENCE.—Physiology—(Blaisdell's text) is taught the last semester of the Junior Year.

PHYSICS.—(Gage's Elements) with weekly laboratory work is given during the Senior Year.

ENGLISH.—COMPOSITION AND RHETORIC occupies the first semester of the Senior Year. Original work is required in outlining and writing essays, etc. Hart is the basis of study.

**CIVICS AND HISTORY.**—One half year is devoted to Political Science. Andrew's text is used and library work required of each pupil. Meyer's General History is studied three-fourth of the Senior year.

**LATIN.**—Three terms are given to the Grammar and Reader, three to Cæsar and two to Virgil. The Roman system of pronunciation is used. In the first year's work, special effort is made to show the indebtedness of English Grammar and vocabulary to the Latin for explanation of forms and derivations.

**GERMAN.**—The beginning year's work in German is taken by all but classical students.

**GREEK.**—Three terms are devoted to the Grammar and one term to Anabasis in the Senior Year by classical students.

**PARLIAMENTARY LAW** is studied ten weeks of the Senior Year.

### CONSPECTUS OF PREPARATORY COURSE

JUNIOR.		SENIOR.	
1st Semester.	2d Semester.	1st Semester.	2d Semester.
Algebra	Algebra	Geometry	Geometry
Latin Gram.	Latin Gram. 1	Cæsar	Virgil.
U. S. Constitu- tion.	Cæsar 2	Gen. History	Gen. History 1
Comp. & Rhet.	Physiology	German 1 or Greek Gram.	German I or Greek Gram 1
			Anabasis 2
			Parl. Law

The number 1 or 2 occurring after a subject means that it runs only the first or second term of the semester.

The Roman numeral I means the first course in a subject, II the second course, etc.

## **Commercial Department.**

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The Commercial Department is conducted upon principles that encourage and interest the students and prepare them for practical work in the shortest time possible. Each student is given individual attention and is assisted to progress as rapidly as is consistent with good work.

The **Commercial Course** is thorough and complete in every respect. It affords special advantages to the student who desires to fit himself for business or for an office position. The course includes Bookkeeping, Business Practice, Arithmetic, Commercial Law, Grammar and Correspondence, Orthography and Penmanship.

**Bookkeeping** is the foundation study of this course. The other branches, though equally important, are auxiliary to its practical application.

In **Arithmetic**, the aim is to secure accuracy and rapidity in addition, subtraction, multiplication and division. These simple processes mean much to a business man, yet there are comparatively few who can perform them well. Much attention is given to short methods and rapid calculation.

In **Penmanship**, the purpose is to assist the student in acquiring a good business hand-writing. Thorough drills are given on movement exercises and special attention is paid to the forming of letters.

All of these branches are taught by competent instructors.

The **Shorthand Course** includes Shorthand, Typewriting, Grammar and Correspondence, and Orthography and Spelling.

The advantages of Shorthand are too manifest to need extensive introduction or argument. We have no hesitancy in claiming that our system and our manner of teaching it have met the most rigid tests successfully.

**Typewriting** is yearly assuming greater importance in the commercial world. To meet the demands of today, one who holds an

office position of any kind must be able to operate a typewriter rapidly. The Remington and Smith-Premier machines are in use here and up-to-date methods of instruction are employed. We recommend the touch system, but the student may have his choice as to the system he uses.

The preceding only briefly outlines the work of the Commercial Department. We have a special catalogue of this department, giving full information regarding all work in the Commercial and Shorthand Courses. If you are interested in a business education, send for our special catalogue and read what our students say regarding the work here, and the assistance rendered by the College in securing positions.

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### **Elocution Department.**

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MISS EDNA SPENCER, INSTRUCTOR.

The instructor, Miss Edna Spencer, is a graduate of Cooper College, class 1901. After graduating in pedagogy and with the degree of B. S., she spent a year in King's School of Oratory, and graduated from that institution in 1902. She has taught Elocution in Cooper for two years. During the past year she has given nearly all her time to class work and to private pupils. She has trained the contestants for several contests, and for numerous recitals. There has been a growing interest in the art of speaking in the literary societies and increased excellence in entertainments and anniversaries.

It is expected that classes in Elocution and Physical Culture will be formed during the coming year at a nominal rate. For private lessons 50 cents will be charged. Students can have the benefit derived from public recitals and from entering contests in which prizes are given.





Group of Cooper College Girls.

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### Art Department.

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The aim of this department is:

1st. To impart a thorough knowledge of the underlying principles of Art, as well as adaption to decoration and design.

2d. To give to those who are looking forward to the profession of teaching a systematic training in Form Study and Drawing, which will tend to make them accurate in eye and hand and help them in expressing and impressing thought.

3d. The direct attention to the beautiful in nature and art, developing the aesthetic faculties and leading to the appreciation of the true, the beautiful and the good.

Of what practical value will the study of Art be to the student?

In an official publication issued by the United States Bureau of Education this testimony is given:

"Drawing is a universal language common to all people, essential to every form of manufacture, useful to every individual, always convenient, often indispensable. He who can draw readily and correctly can be taught any kind of manual industry much more readily. To be able to draw is to be more sure of earning a



living now; before long, not to be able to draw will be as disgraceful as it now is not to be able to read and write. It will be an evidence of inferiority."

In this department the Normal Course comprises the elementary principles of construction, representation and decoration.

In the sketching classes which meet regularly for practical work, the following work is pursued:

- 1st. Drawing from objects.
- 2d. Sketching from nature.
- 3d. Charcoal drawing from life.

Throughout the year instruction is offered in oil, crayon, pastel, watercolors and china painting.

The studio, being furnished with a kiln, brings the beautiful art of china painting within the reach of all,

For information as to terms, etc., address ALICE M. BROWN.

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## Music Department.

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Miss Anna McKirahan, Piano Instructor, Miss L. L. Treat, Vocal Instructor.

### COURSE OF PIANO INSTRUCTION.

**First Year.**—Presser and Beyers Instruction Books, Easy Studies by Biehl, Kocher, Czerny, Lecoupey and Gurlitl; Easiest Sonatinas by Lichner, Lange; Elementary five finger work; Modern Selections by Behr, Hitz, Streabbogand, Lndovic.

**Second Year.**—Major and Minor Scales in various forms; Studies by Bertini, Loeschhaon, Behrens; Sonatas by Haydn and Mozart; Technical work continued; Chords and Arpeggios; Modern Selections by Bendel, Bachmann, Godard, Jungmann, Spindler.

**Third Year.**—Major Minor Scales in Double Thirds; Advanced Technical work; Chords and Arpeggios of the Dominant and Diminished Seventh; Studies by Heller; Advanced Etudes by Czerny;

Loescehorn Mendelssohn's Songs without words; Bach Inventions (two voiced); Chopin Waltzer and Nocturnes; Schumann's easier pieces; Modern Selections.

**Public Recitals** are given during the year in which all pupils are required to take part at least once in a year.

Pupils may enter the department at any time but will not be accepted for less than ten weeks.

**Terms.**—Two lessons per week of thirty minutes each, \$10.00; One lesson per week of thirty minutes each, \$5.00.

**Voice.**—Instruction in this department includes everything that assists in the development of the vocal artist. The most admirable results are those which ensure the greatest durability of voice, together with sympathy, mellowness, elasticity and purity of tone. The principles are those used by the greatest singing masters of Europe. Vocal, twenty lessons \$10.00.

It is hard to outline a course of study in vocal music so that the uninitiated will understand it.

To sing with perfect ease is the aim of every intelligent singer. To do this one must have perfect breath control, and relaxed muscles of the throat and face.

Special attention is given to these, and to developing pure tones sustained, flexible, with true attack and clear enunciation. Songs by the best composers are studied noting expressions, phrasing, etc.

Pupils in each of these departments, on satisfying the examiners of their proficiency, will be granted a graduating diploma on completing the course.

### Alumni.

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1892.

ESSINGTON HERBERT LEES, B. S., County Attorney, Lyons, Kansas.

1893.

JAY FOSTER BEAMAN, B. S., Ass't. Engineer, S. F. & N. W. R. R.,  
Pepperwood, California.

ARCHIE CAMERON REES, A. B., Farmer, Sterling, Kansas.

EDWARD THOMAS REES, A. B., Farmer, Newton, Iowa.

1894.

GEORGE F. W. BENN, A. B., A. M. (Univ. of Pa.), Pastor R. P.  
Church, Staunton, Illinois.

EDGAR HERMAN BLACK, A. B., Pastor U. P. Church, Denison, Kan.

1895.

TALMON BELL, A. B., Professor of History and Political Economy,  
Cooper College, Sterling, Kansas.

1896.

MINNIE LEES (MRS. GEORGE MANN), B. S., Mason, Michigan.

WM. A. PHILLIPS, A. B., Pastor Lincoln Ave. U. P. Church, Pitts-  
burg, Pennsylvania.

MARY ADELLE SPENCER (MRS. E. H. LEES), B. S., Lyons, Kansas.

1897.

ELLA E. CRUM (MRS. W. T. HOOD), B. S., Omaha, Nebraska.

CALEB B. ELLIOTT, Normal, Merchant, Delta, Colorado.

WM. T. HOOD, B. S., Omaha Gas Co., Omaha, Nebraska.

JOHN M. KIRKWOOD, B. S., Manager Lumber Yard, Gotebo, Okla-  
homa, U. S. Commissioner Kiowa County,

JESSE G. LISTON, Normal, Teacher, Coffee, Indiana.

1898.

- JOHN U. BRUSH, A. B., Pastor U. P. Church, Laurel Hill, Penn.  
WM. I. FINLEY, B. S., Lyons, Kansas.  
MABEL LATHAM GRANDY (MRS. T. J. ENGLISH), B. S., Sterling,  
Kansas.  
ORIN A. KEACH, A. B., Pastor U. P. Church, Commerce, Michigan.  
OTTO W. NEWBY, A. B., Professor of Pedagogy, Cooper College,  
Sterling, Kansas.  
BELLE S. SMITH, B. S., Music Dealer, Garnett, Kansas.  
ESTELLA MYRTLE STORMONT, B. S., Teacher, Sterling, Kansas.  
WM. PAUL STORMONT, B. S., Bookkeeper, Hutchinson, Kansas.  
EMMA VERA STRONG, B. S., Sterling, Kansas.  
EMMA CASSIE WIGGINS (MRS. E. K. PORTER), Normal, Sterling, Kan.

1899.

- DAVID CALVIN MATHEWS, A. B., Pastor R. P. Church, Princeton,  
Indiana.  
WM. HENRY MEYER, B. S., Manager Lumber Office, Enid, Oklahoma.  
HERBERT BRATTON McMILLAN, A. B., Missionary, Cache Creek  
Indian Mission, Apache, Oklahoma.  
EVA JOSEPHINE SPENCER, B. S., Teacher, Sterling, Kansas.  
SARAH SQUIRE, B. S., A. B. (Univ. of Kan.), Teacher, Sterling, Kan.  
J. FLOYD THOMSON, B. S., Manager Lumber Office, Belle Plaine,  
Kansas.  
LEWIS ALFRED KERR, A. B., Minister, Americus, Kansas.

1900.

- IZORA BALDWIN, Normal, Teacher, Ames, Oklahoma.  
MARION TRUEHEART, B. S., A. B. (Univ. of Kan.), M. D., House  
Surgeon, German Hospital, Kansas City, Missouri.  
BERT X. TUCKER, B. S., A. B. (Univ. of Kan.), M. S. (Univ. of Cal.),  
Private Tutor, San Francisco, California.  
MAY BEATRICE VANNEST, Normal, Teacher, 3492 W. 32nd Street,  
Denver, Colorado.

1901.

- MARY LORENA BROWN, B. L., Teacher, Sterling, Kansas.  
ROSS WALLACE GRAHAM, B. S., Jeweler, Apache, Oklahoma.

JOHN REYNOLDS MCCOY, A. B., Student Theology, Xenia, Ohio.

EDNA ROSALIE SPENCER, B. S., Teacher of Elocution, Cooper College, Sterling, Kansas.

GARFIELD WILSON WEEDE, B. S., Student Dentistry, University of Pennsylvania, Philadelphia, Pennsylvania.

1902.

CORA MARY GROVE, B. S., Teacher, Alden, Kansas.

FRED CLARENCE MORGAN HUNTER, Academic, Farmer, Newton, Kansas.

SARA LAVINIA MCCRORY, B. S., Teacher, Raymond, Kansas.

AMY ALMIRA ROSS, B. S., Sterling, Kansas.

NELLIE ARVILLA SANDERS, Normal, Teacher, Elmdale, Kansas.

FRANCES ELEANOR SPENCER (MRS. H. B. KILBOURN), B. S., Sterling, Kansas.

HARRY ELMORE SQUIRE, Normal, Principal of Schools, Attica, Kan.

WALTER W. STAHL, A. B., A. M. (Fairmount), Student Law, Wichita, Kansas.

CHARLES STAFFORD THARP, B. S., Student Theology, Xenia, Ohio.

RALPH FOSTER WALLACE, B. S., Shipping Clerk, T. W. & M. Merc. Co., St. Joseph, Missouri.

1903.

JOHN MARVIN BOND, B. S., Postoffice Assistant, Sterling, Kansas.

J. WILLARD FOSTER, Normal, Principal Schools, Savonburg, Kan.

WM. LESLIE HANLON, B. S., Sterling, Kansas.

IVA A. McMILLAN, Academic, Missionary, Cache Creek Indian Mission, Apache, Oklahoma.

J. CLARK TURNER, A. B., Secretary Pawnee Ranch Co., Abbyville, Kansas.

HARRY ELMER WALTER, Normal, Teacher, Harper, Kansas.



### Roll of Students, 1903-4.

The Course is indicated thus: cl, Classical; sc, Scientific; lit, Literary; n, Normal; sp, Special.

#### Post Graduates.

Squire, Harry Elmore, '02 .....Attica  
Walter, Harry Elmer, '03.....Harper

#### Seniors.

Dobbin, Benj. Miller, *cl* .....Viola  
Ewing, E. Francis, *n* .....Great Bend  
Guttery, Olive Frances, *n* .....Sterling  
Hill, Harry Augustus, *n* .....Huntsville  
Houston, Nannie Hazeltine, *n* .....Gem  
Oyler, David Smith, *cl* .....Lyndon  
Smith, Maude Ethel, *cl* .....Sterling

#### Juniors.

Carson, Mabel E., *sc* .....Sterling  
Edgar, Josiah Dodds, *cl* .....Sterling  
Elliott, Jennie McCracken, *n* .....College Corner, O  
Fowler, Mary M., *n* .....Menlo, Ga  
Giffen, Grace Burford, *lit* .....Peabody  
Gilliland, Jas. Finney, *n* .....Superior, Neb  
Inches, Charlotte Lovette, *n* .....Sterling  
Irvine, William R., *cl* .....Americus  
Johnson, Pearl, *n* .....Saxman  
McCarroll, Clara Ernestine, *lit* .....Sterling  
McCrory, Elizabeth Myrtle, *cl* .....Raymond  
Nash, Clarence Adelbert, *n* .....Valley Center  
Patton, Zada Anne, *n* .....Sterling  
Ross, Harry Reath.....Sterling  
Seigle, Andrew Jackson, *cl* .....McAlvey's Fort, Pa

## Sophomore.

Beeching, Charles Lee, <i>sc</i> .....	Fingal
Blair, Clyde McKittrick, <i>cl</i> .....	Hutchinson
Dougherty, Elizabeth Estelle, <i>sc</i> .....	Sterling
Gebhardt, Guy Thompson, <i>cl</i> .....	Lyons
Greenlee, Idella Myrtle, <i>sc</i> .....	Sterling
Newman, Ralph Albert, <i>sc</i> .....	"
Sanders, Anah Elizabeth, <i>sc</i> .....	Cottonwood Falls
Spencer, Wilda A., <i>sc</i> .....	Sterling
Turner, Reid S., <i>cl</i> .....	Valley Center
Williams, Ralph H., <i>cl</i> .....	Sterling

## Freshman.

Barnes, Margaret Jane, <i>cl</i> .....	Duquoin
Bobey, Harry Gausden, <i>sp</i> .....	Larned
Brown, Ernest Simpson, <i>sc</i> .....	Sterling
Brownlee, James Erskine, <i>sc</i> .....	Sylvia
Brownlee, William Ray, <i>sc</i> .....	Sylvia
Caldwell, William, <i>sc</i> .....	Geneseo
Dailey, Eugene William, <i>sc</i> .....	Sterling
Gunn, Walter Lee, <i>sc</i> .....	Heizer
Guthrie, Clyde Samuel, <i>sc</i> .....	Walton
Lindsay, David R., <i>sc</i> .....	Conway Springs
Mathews, Leon Walker, <i>sc</i> .....	Sterling
McCarroll, Ralph Bruce, <i>sc</i> .....	"
McVey, Chas., <i>sp</i> .....	"
McVey, Wilson, <i>sc</i> .....	"
Pearce, Charles Douglas, <i>cl</i> .....	"
Pearce, Claud F., <i>sp</i> .....	"
Ramsey, Frank M., <i>sc</i> .....	"
Ray, Robert Jackson, <i>sc</i> .....	"
Smith, Bessie, <i>sp</i> .....	"
Snook, Lena Geraldine, <i>sc</i> .....	"
Spencer, Eu'ia A., <i>sc</i> .....	"
Webb, Joseph Calvin, <i>sc</i> .....	"
Williams, Wesley Eugene, <i>cl</i> .....	"

## Senior Preparatory.

Ainsworth, Walter.....	Rush Center
Baber, Edward Bruce.....	Cunningham
Beeching, J. Roy.....	Fingal
Brown, Edward.....	Duquoin
Brownlee, Archie Danley.....	Sylvia
Chase, Harry E.....	Chase
Currie, Lydia Loretta.....	Sterling
Edgar, Morris M.....	"
Edwards, Lloyd Jessie .....	"
Junkin, John Evans.....	"
Kauffman, LeRoy Levelon.....	"
Kelley, James Adrian.....	Raymond
McClung, John Ralph.....	Harper
McKean, Ethel Luella.....	Oakdale, Ill
McMillan, Mary.....	LaSalle, Col
McMillan, Mathew Steel.....	" "
Moorhead, Albert Ritchey.....	Walton
Robinson, Clyde L.....	Viola
Taylor, Robert Noble.....	Lyons
Thompson, Paul Dean.....	Sterling

## Junior Preparatory.

Barnes, Mary.....	Duquoin
Barr, William A.....	Harper
Brothers, John.....	Saxman
Brownlee, Arthur John.....	Sylvia
Currie, Jessie Clyde.....	Sterling
Dobbin, Alice Elizabeth.....	Viola
Edgar, John M .....	Greeley, Colo
Elliott, Miriam Edna.....	Preston
Fleming, Alvin John.....	Sterling
Haas, Gilbert Adam.....	Sterling
Kerr, Joy O.....	Nora
Lindsay, Agnes.....	Conway Springs
Lindsay, Ralph.....	Conway Springs

Mathews, Roy.....	Sterling
McShane, Earl .....	"
McVey Louis Lorimer.....	"
More, Olive.....	Viola
Proffit. Ralph .....	Raymond
Reser, Stella Irene.....	La Crosse
Robinson, Dwight.....	Viola
Robinson, Jeannette.....	Viola
Robinson, J. Gordon.....	Viola
Smith, Jay N.....	Sterling
Stormont, Roderick H.....	"
Wallace, Frank Paul.....	"
Wilson, Fannie Odell.....	Ingalls

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### Normal Department.

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#### Fourth Year.

Ewing, E. Francis...Great Bend	Hill, Harry A.....Huntsville
Guttery, Olive F.....Sterling	Houston, Nannie H.....Gem

#### Third Year.

Elliott, Jean M...Col. Corner, O	Inches, Charlotte L.....Sterling
Fowler, Mary M. ....Menlo, Ga	Johnson, Pearl.....Saxman
Gilliland, Jas. F...Superior, Neb	Nash, Clarence A..Valley Center
Patton, Zada Anne.....Sterling	

#### Second Year.

Baber, Edward B..Cunningham	Mathews, Roy.....Sterling
Culver, Zora Hazel.....Harper	McClung, J. Ralph.....Harper
Kelly, Jas. Adrian.....Raymond	McKean, Ethel L...Oakdale, Ill
Kerr, Joy O.....Nora	McMillan, Mary....LaSalle, Colo
Lindsay, Agnes..Conway Springs	Proffit, Ralph .....Raymond

**First Year.**

Atwood, Carrie H.....	Kanopolis	Dawson, Lucille.....	Stafford
Bailey, Bessie E.....	Geneseo	Elliott, Miriam Edna.....	Preston
Barr, William A.....	Harper	Gist, Vona.....	Sterling
Christiansen, Anna L..	Ellinwood	Hanks, Cleopatra.....	Sterling
Connor, May Theresa.....	Boyd	Kauffman, Eva Grace...	Sterling
Crego, Frances.....	Sterling	Keys, Kathryn May.....	Sterling
Leeper, Walter Roy.....	Harper	Miller, Edith.....	Albert
Lott, Alta Lola.....	Geneseo	Norton, Floy B.....	Verbeck
Lott, Anna Katherine..	Geneseo	Shelby, Ada.....	Sterling
Lott, Marie Elizabeth...	Geneseo	Slentz, John Roy.....	Saxman
Martinez, Ralph, Black Lake, N.M		Smith, Ella Maud.....	Raymond
McConnell, Anna M.....	Stafford	Smith, Geo. W.....	Ransom
Thompson, Kathryne....	Geneseo	Webster, H. E.....	Valley Center
Thompson, Leota.....	Geneseo	Williams, G. M...Stillwater, Okla	
Wallace, Frank Paul....	Sterling	Wilson, Fannie Odell.....	Ingalls
Young, Pearl C...	Pretty Prairie		

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**Model School.**

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**Pupils.**

Hobson, Fairy	Thompson, Alan
Horton, Hazel	Thompson, Philip
Horton, Josie	Williamson, Grace
Martinez, Ralph	



### Commercial and Shorthand Department.

Anderson, Viola...Amorita, Okla	LeKron, Victor A..Valley Center
Atwood, Carrie H .....Kanopolis	McClung, John Ralph.....Harper
Baker, Joseph W.....Larned	McVey, Charles... ..Sterling
Barber, Willis F.....Sterling	Miller, Edith.....Albert
Barnes, Charles W..... “	More, Olive.....Viola
Barr, William A.....Harper	Morrison, Clarence...Great Bend
Bobey, Harry G .....Larned	Nash, Clarence A..Valley Center
Branson, Sidney J.....Adams	Newman, Ralph A.....Sterling
Brothers, John.....Saxman	Northrop, Ralph Asa..... “
Caldwell, William.....Geneseo	Patton, Zada Anne..... “
Clare, Eston H.....Sterling	Rauschelbach, Clyde..... “
Dailey, Eugene W..... “	Riedl, Frances ..... Olmitz
Elliott, Bessie M.....Preston	Robinson, Clyde L.....Viola
Elliott, Jennie....Col. Corner, O	Robinson, Dwight.....Viola
Eveleigh, Elizabeth J.....Boyd	Rockenfield, Jessie E....Sterling
Flora, Blanche L.....Sterling	Shaffer, Myrtle M...Great Bend
Fowler, Mary M....Menlo, Ga	Smith, Jay N.....Sterling
Fuller, Robert.....Lyons	Smith, John Lloyd..... “
Gilliland, Jas. F...Superior, Neb	Snook, Lena Geraldina.. “
Guilbert, Walter D.....Banner	Stormont, Roderick H.. “
Harmon, Kate.....Sterling	Thomas, Gertrude E.....Turon
Harris, William W...Great Bend	Turner, Hugh B...Valley Center
Harts, Oscar Burton.....Lyons	Wentworth, Bessie.....Duquoin
Hawkins, Jas. F...Hasken, Okla	Williams, Guy...Stillwater, Okla
Kerr, Joy O.....Nora	Woleslagel, Ernest..St. Louis Mo
Kincaid, Fred.....Sterling	

### Graduates In Shorthand.

Eveleigh, Elizabeth J.  
Rockenfield, Jessie E.

Shaffer, Myrtle M.  
Snook, Lena Geraldine

### Art Department.

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Atkinso , Charles.....	Sterling	Reser, Irene.....	LaCrosse
Beaman, Alice.....	"	Robinson, Jeannette.....	Viola
Beaman, Annis.....	"	Rouse, Mrs. C. F.....	Sterling
Berry, John.....	"	Smith, Bessie.....	"
Brown, Amy.....	"	Smith, Goldie.....	"
Brown, Bascom.....	"	Smith, Myrtle.....	"
Brown, Floy.....	"	Spencer, Edna.....	"
Brown, Roy.....	"	Spencer, Frances.....	"
Byall, Jean.....	Lyons	Schumacher, Nettie.....	"
English, Mrs. W. A.....	Sterling	Seaward, Eva.....	"
Flora, Ethel.....	"	Stevens, Leela.....	"
Fowler, Mary M.....	Menlo, Ga	Strong, Mrs. C. H.....	"
Galloway, Ben F .....	Sterling	Strong, Vera .....	"
Graham, Mrs.....	"	Taylor, Myrtle.....	"
Guttery, Olive F.....	"	Thompson, Harry .....	Welda
Hill, Harry A.....	Huntsville	Trueheart, Virginia .....	Sterling
Houston, Nannie H.....	Gem	Turner, Bessie.....	"
Inches, Inez.....	Sterling	VanHorssen, Anna.....	
Jones, H. L.....	Mullhull, Okla	.....Orange City, Iowa	
Junkin, J. Evans.....	Sterling	Walter, H. E.....	Harper
Kern, Anna.....	Leavenworth	Watson, Merle.....	Clafin
Lees, Mrs. E. H.....	Lyons	Westerman, Mrs.....	Nickerson
McKee, Mrs.....	Nickerson	Wilson, Mrs. S. A .....	Sterling
Olmstead, Dean.....	Sterling	Wingett, Mrs. F. C.....	"
Morris, Thomas.....	"	Wirshing, Sallie.....	"
Prall, Clara.....	"	Wright, Mirth.....	"

### Elocution Department.

Arnold, Harry.....	Sterling	Gunn, Walter L.....	Heizer
Barnes, Mary.....	Duquoin	Guthrie, Clyde S.....	Walton
Baugh, Lydda.....	Stafford	Guttery, Olive F.....	Sterling
Berry, Mrs. Anna.....	Sterling	Harmon, Kate.....	"
Blakely, Sadie.....	Lyons	Higley, Harold.....	"
Branch, Mrs. Callie.....	Sterling	Hill, Harry A.....	Huntsville
Bridgeman, Maud.....	"	Houston, Nannie H.....	Gem
Brown, Laura.....	"	Inches, Charlotte L....	Sterling
Brownlee, W. Ray.....	Sylvia	Irvine, William R.....	Americus
Byall, Mrs. Christina.....	Lyons	Johnson Pearl.....	Saxman
Carson, Mabel E.....	Sterling	Johnson, Roy.....	Sterling
Chase, Harry E.....	Chase	Johnson, Mrs. Veda.....	"
Clark, Gertrude .....	Sterling	Jolly, F. P.....	Great Bend
Currie, Jessie C.....	"	Kauffman, Eva G.....	Sterling
Currie, Lydia L.....	"	Kauffman, LeRoy L....	"
Dawson, Lucille .....	Stafford	Lindley, Mabel.....	"
Day, Myrtle.....	Stafford	Lindsay, Agnes..	Conway Springs
Dobbin, Alice E.....	Viola	Lindsay, David R. " "	" "
Dobbin, Benj. M.....	Viola	Lindsay, Ralph W " "	" "
Dougherty, E. Estelle..	Sterling	Logan, Bessie... ..	Sterling
Edgar, Josiah D.....	"	Lott, Anna K.....	Geneseo
Elliott, Jean M....	College	Lott, Marie E.....	"
.....	Corner, Ohio	Mathews, Roy.....	Sterling
Exline, Nellie.....	Stafford	McCarroll, Clara E....	"
Fleming, Alvin J.....	Sterling	McCarroll, Ralph B....	"
Fowler, Mary M.....	Menlo, Ga	McConnel, Anna M.....	Stafford
Frey, Mrs .....	Sterling	McCrary, Elizabeth M..	Raymond
Furr, Lura.....	"	McKean, Ethel L....	Oakdale, Ill
Giffen, Grace B.....	Peabody	McMillan, Mathew S..	LaSalle, Col
Gilliland, Jas. F..	Superior. Neb	McVey, Wilson.....	Sterling
Gosch, Mrs. Greta.....	Saxman	Newman, Ralph A.....	"

Oyler, David S.....	Lyndon	Simpson, Mrs.....	Sterling
Pearce, Charles D.....	Sterling	Smith, Bessie.....	"
Porter, Mrs. Cassie.....	"	Smith, Goldie.....	"
Porter, Mrs. Minnie.....	"	Smith, Maude E.....	"
Ray, Robert J.....	"	Spencer, Eula A.....	"
Reser, S. Irene.....	LaCrosse	Spencer, Wilda A.....	"
Robinson, Clyde L.....	Viola	Stubbs, Mrs. Rachel....	"
Robinson, Jeannette.....	"	Thompson, Mrs. Mary..	"
Rogers, Mrs. Agnes.....	Sterling	Turner, Hazeltine.....	Stafford
Rogers, P ul.....	"	Webb, Joseph C.....	Sterling
Sanders, Anah Cottonwood Falls		Welch, Mrs. Mary.....	"
Seigle, A. J...McAlvey's Fort, Pa		Westenhaver, Mrs. W..	"
Selfridge, Edna.....	Sterling	Wilson, F. Odell.....	Ingalls
Shelby, Ada.....	"		

## Musical Department.

### Piano Students.

Allington, Minnie.....	Sterling	Frye, Lillian.....	Sterling
Anderson, Ruth.....	"	Greenlee, Idella M.....	"
Berry, Adelle.....	"	Haight, Mrs. C.....	"
Berry, Glen.....	"	Hazelett, Miss.....	"
Bridgeman, Maud.....	"	Hobson, Fairy.....	"
Brown, Ernest S.....	"	Hockett, Myrtle.....	"
Carr, Grace.....	"	Holmes, Leora.....	"
Carr, Mrs. R .....	"	Johnson, Beulah.....	"
Carson, Mabel E .....	"	Johnston, Jay .....	"
Clark, Gertrude.....	"	Kern, Bertha.....	"
Denning, Charles.....	"	Keys, Cora.....	"
Denning, Emily .....	"	Lloyd, Bessie.....	"
Denning, Mattie.....	"	McCarroll, Clara E.....	"
Douglas, Mary.....	"	Moon, Jessie .....	"
Fleming, Mirta.....	"	Moon, Rose.....	"

Ramsey, Grace.....	Sterling	Sholes, Marie.....	Sterling
Rogers, Ethel .....	"	Tapley, Paul.....	St. John
Rogers, Maud .....	"	Williams, Bernice.....	Sterling
Rose, Bertha .....	"	Williams, Nellie.....	"
Selfridge, George.....	"	Williams, Grace.....	"

#### Voice Students.

Barnes, Margaret J.....	Duquoin	McMillan, Mary.....	LaSalle, Col
Berry, Adelle.....	Sterling	McMillan, Mathew S.,	LaSalle, Col
Eveleigh, Elizabeth J.....	Boyd	Nash, Clarence A..	Valley Center
Flora, Blanche.....	Sterling	Ramsey, Frank M.....	Sterling
Greenlee, Idella M.....	"	Smith, Bessie.....	"
Hockett, Mrs. J. A.....	"	Tapley, Paul.....	St. John
Johnston, Jay.....	"	Thomson, Mrs. Mary.....	Sterling
McCarroll, Clara E.....	"	Turner, Helen.....	"
McCarroll, Ralph B.....	"	Turner, Reid S...	Valley Center
McClung, J. Ralph.....	Harper	Wright, Morna.....	Sterling
McKirahan, Anna.....	Sterling		

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The College Senate at a meeting held on July 18th, elected Albert W. McCollough, of Tarkio, Mo., to the professorship of Natural Science, a new chair authorized. At the annual meeting of the Senate Mrs. Edna Covalt was chosen assistant in the Commercial and Normal Departments. Miss Margaret I. Wilson, of Hoopeston, Ill., was elected to the chair of German, vice Miss Van-Horssen, resigned.



### Summary 1903-04.

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I.	College Department.	
	Post Graduate.....	2
	Seniors .....	7
	Juniors.....	15
	Soph mores.....	10
	Freshmen .....	23—57
11.	Preparatory Department.	
	Senior.....	20
	Junior .....	26—46
	Fourth Year Normal.....	4
	Third Year Normal .....	7
	Second Year Normal.....	10
	First Year Normal.....	31—52
III.	Commercial Department.....	51
IV.	Elocution Department.....	88
V.	Art Department.....	51
VI.	Music Department.	
	Piano.....	40
	Voice.....	21—61
VII.	Model School .....	7
	Total in all Departments.....	413
	Less names repeated.....	139
	Total number students.....	274

